

From henryvb@dpliv.com Tue Oct 01 02:36:05 1996
Received: from pcweb.dpliv.com (pcweb.dpliv.com [206.31.254.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA24334 for <aprssig@tapr.org>; Tue, 1 Oct 1996 02:36:03 -0500 (CDT)
Received: from ns.dpliv.com ([206.31.254.51]) by pcweb.dpliv.com (8.7.4/8.6.9) with SMTP id CAA10612 for <aprssig@tapr.org>; Tue, 1 Oct 1996 02:39:11 -0500
Message-ID: <3250C9F4.9AE@dpliv.com>
Date: Tue, 01 Oct 1996 02:36:20 -0500
From: henryvb <henryvb@dpliv.com>
Reply-To: henryvb@dpliv.com
Organization: Who's got time to get organized?
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: c/cm/cmd calls
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

BobAPR sed (while talking about graying wx stations):

> Sometimes your transmitted packet may be received
> with a slight garble (such as having a "c" or "cmd" in front of it. APRS
> sees this as a NEW station with the call of cmdW3XYZ and then plots this
> garble of your station ON TOP of your station. Since this was a ONE-TIME
> garble, it will eventually fade to gray!

Bob, since this appears to be a gigantic problem (I get this 3-4 times a day), how about stripping the lower case code off the front of a callsign if it is a c/cm/cmd in front of an upper case callsign? Should be just a few lines of code, and would take care of a bunch-o-things, including gray stations, dupes on the p- l- d- lists and bulletins, etc, etc.

Henry
N9WMM
henryvb@dpliv.com

From henryvb@dpliv.com Tue Oct 01 02:45:16 1996
Received: from pcweb.dpliv.com (pcweb.dpliv.com [206.31.254.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA24423 for <aprssig@tapr.org>; Tue, 1 Oct 1996 02:45:13 -0500 (CDT)
Received: from ns.dpliv.com ([206.31.254.51]) by pcweb.dpliv.com (8.7.4/8.6.9) with SMTP id CAA10688 for <aprssig@tapr.org>; Tue, 1 Oct 1996 02:48:23 -0500
Message-ID: <3250CC1B.10EF@dpliv.com>
Date: Tue, 01 Oct 1996 02:45:31 -0500
From: henryvb <henryvb@dpliv.com>
Reply-To: henryvb@dpliv.com
Organization: Who's got time to get organized?
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: starting the coffee pot via aprs
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Joe kf4dys wrote:

> Now if it would just start the coffee pot for me... :-)

I'm not sure if it can start the coffee pot, but APRS should
be able to make the rest of your breakfast for you.

Read the documentation about the Hardware Cereal Port :)

Henry

From wa8inz@cris.com Tue Oct 01 04:04:45 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id EAA26039 for <aprssig@tapr.org>; Tue, 1
Oct 1996 04:04:43 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id FAA22822; Tue, 1 Oct 1996 05:04:41 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@cris.com>

Received: from LOCALNAME (cnc80151.concentric.net [206.83.64.51])
by cliff.cris.com (8.7.5)
id FAA24229; Tue, 1 Oct 1996 05:04:40 -0400 (EDT)

Message-ID: <3250FABC.31F9@cris.com>

Date: Tue, 01 Oct 1996 04:04:28 -0700

From: William Nolle <wa8inz@cris.com>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5271] starting the coffee pot via aprs

References: <3250CC1B.10EF@dpliv.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

henryvb wrote:

>

> Joe kf4dys wrote:

>

> > Now if it would just start the coffee pot for me... :-)

>

> I'm not sure if it can start the coffee pot, but APRS should

> be able to make the rest of your breakfast for you.

> Read the documentation about the Hardware Cereal Port :)

>

> Henry

I BET it can start his coffee pot ;-)

--

\\///
(0 0)
--o0-(_) -0o--

wa8inz@amsat.org

wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THOSE MENTOR VOLENTEERS

You can now get to the Logo page from the main menu

Also check out my WA8INZ Home page.

<http://www.concentric.net/~wa8inz>

From cap@cruzio.com Tue Oct 01 04:14:29 1996

Received: from cruzio.com (mmdf@mail.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id EAA26095 for <aprssig@tapr.org>; Tue, 1 Oct 1996 04:14:28 -0500 (CDT)

Received: from surf127.cruzio.com by cruzio.com id aa27728; 1 Oct 96 2:10 PDT

Message-ID: <3250E02F.625B@cruzio.com>

Date: Tue, 01 Oct 1996 02:11:11 -0700

From: Cap Pennell <cap@cruzio.com>

X-Mailer: Mozilla 3.0 (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5271] starting the coffee pot via aprs

References: <3250CC1B.10EF@dpliv.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

henryvb wrote:

> Joe kf4dys wrote:

> > Now if it would just start the coffee pot for me... :-)

>

> I'm not sure if it can start the coffee pot, but APRS should

> be able to make the rest of your breakfast for you.

> Read the documentation about the Hardware Cereal Port :)

> Henry

In the morning, as I watch the screen for the latest aprS HIT from the digipeater, I geusS HOW ERrors might sometimeS HAVE been caused by collisions. A little coffee and cereal, then off to work I drive hoping that my stand-alone tracker doesn't cause a collision. :) Start your day with APRS!

73. Cap

--

Cap Pennell

Santa Cruz, CA, 95062-1002 3658.92N/12200.88W

email: cap@cruzio.com

packet radio: ke6afe@kg6ee.#cca.ca.usa.noam

From JohnLGaf@gnn.com Tue Oct 01 06:56:29 1996

Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA29069 for <aprssig@tapr.org>; Tue, 1 Oct 1996 06:56:28 -0500 (CDT)

Received: from 33-77.client.gnn.com. (33-77.client.gnn.com [205.188.33.77]) by mail-e2b.gnn.com (8.7.1/8.6.9) with SMTP id HAA12489 for <aprssig@tapr.org>; Tue,

1 Oct 1996 07:55:54 -0400 (EDT)
Message-Id: <199610011155.HAA12489@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 01 Oct 1996 06:56:13
From: JohnLGaf@gnn.com (John L. Gafford)
To: aprssig@tapr.org
Subject: APRS DOC Files

An Open Letter to Mark Sproul:

Dear Mark:

My only motive in suggesting the posting of a zipped file of the APRS TXT files on the TAPR ftp site was to try to help the MAC and WIN95 users. I had no intention of trespassing on your domain, and apologize if it seemed that way. I am a relatively new user of APRS and did not know that APRSMAC had its own little acre on the TAPR ftp. And since I do not have the technical expertise to upload to an ftp, you really don't have anything to worry about. Also, I find MAC users a little strange as the ratio of MACs to IBM compatibles in the reald world is about 1 to 99.

Have a nice day. John - N5XAK...

From ku0g@sprynet.com Tue Oct 01 07:37:02 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA00171 for <aprssig@tapr.org>; Tue, 1 Oct 1996 07:37:00 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.243.51] (hd61-051.compuserve.com [199.174.243.51]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id FAA19748 for <aprssig@tapr.org>; Tue, 1 Oct 1996 05:34:04 -0700
Date: Tue, 1 Oct 1996 05:34:04 -0700
Message-Id: <199610011234.FAA19748@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:5273] Re: starting the coffee pot via aprs
To: aprssig@tapr.org
In-Reply-To: <3250E02F.625B@cruzio.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

Stand-alone trackers don't cause collisions. It's when you try to type on a laptop in the passenger seat at 75 MPH!

A joke, yes, but seriously folks....

If you're running full laptop mobile APRS, PLEASE keep your eyes on the road FIRST! Mount your computer on the dashboard, if possible, or place it in the vehicle so that you DON'T have to take your eyes off the road and risk killing yourself or other!

My mobile installation ('93 Chevy Beretta) has the laptop on the dashboard (passenger side) held in place with a rubber bungee. The GPS has it's own cradle and the SPM Switch is mounted to the GPS cradle.

I don't have to look at the GPS or the computer to update my position and a quick glance to do an X-P to send the updated position is easily done without taking my eyes off the road ahead for more than a second or two.

Not everybody has this type of recessed/flattened dashboard but when I bought the car last spring mounting the computer WAS one of the considerations in evaluating the interior. A mini-van was my close 2nd choice because of the console...

On another note....

BOB B...Why doesn't the position timer reset when an updated posit is received from the GPS? It would seem appropriate and eliminate the need to hit any keys to send the new position. At 70 MPH given P>9 timer parameter by the time a mobile sends the posit he may be 10-12 miles away. This is fine if you're in a passive tracking mode and this type of accuracy is adequate but what about a real-time tracking event (i.e. Marathon, Bike Rides, etc.)? How about a choice of posit transmit periods? Normal or user selectable rate would serve the purpose, I'd think. Same type of parm input as you're using on REDRAW RATE....

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From kf4dys@juno.com Tue Oct 01 07:57:14 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA01154 for <aprssig@tapr.org>; Tue, 1 Oct 1996 07:57:13 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail) id IAA22093; Tue, 01 Oct 1996 08:57:05 EDT
To: aprssig@tapr.org
Date: Mon, 30 Sep 1996 21:57:17 PST
Subject: Re: Graying WX stations.
Message-ID: <19961001.075144.4503.0.kf4dys@juno.com>
References: <Pine.BSF.3.91.960930201830.23141B-100000@laraby.tiac.net>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-27
From: kf4dys@juno.com (Joe Foor)

On Mon, 30 Sep 1996 19:25:22 -0500 (CDT) Richard Amirault <amirault@laraby.tiac.net> writes:
>On Mon, 30 Sep 1996, Bob Bruninga wrote:
>>
>> APRSdos REPLY/COMMENT: Sometimes your transmitted packet may be
>>received

>> with a slight garble (such as having a "c" or "cmd" in front of it.
>>APRS
>> sees this as a NEW station with the call of cmdW3XYZ and then plots
>>this
>> garble of your station ON TOP of your station.>
>
>I have noticed this "garble" on occasion.....always on my own station
>call.

I see this quite frequently, on any incoming packet. It normally happens whenever I bring the APRS window into the foreground (multi-tasking in windoze 3.11). I have watched the output of the local digi and it doesn't appear corrupted, so I figured it was just in my receive buffer and blamed it on poor memory protection in windoze.

If I run APRS from DOS, then it doesn't happen.

regards,
Joe

From mcinnis@austin.ibm.com Tue Oct 01 09:54:35 1996
Received: from netmail.austin.ibm.com (netmail.austin.ibm.com [129.35.208.98]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA04185 for <aprssig@tapr.org>; Tue, 1 Oct 1996 09:54:32 -0500 (CDT)
Received: from babe01.austin.ibm.com (babe01.austin.ibm.com [129.35.227.156]) by netmail.austin.ibm.com (8.6.12/8.6.11) with SMTP id JAA113104 for <aprssig@tapr.org>; Tue, 1 Oct 1996 09:54:10 -0500
Received: by babe01.austin.ibm.com (AIX 4.1/UCB 5.64/4.03-client-2.6) for aprssig@tapr.org at austin.ibm.com; id AA21206; Tue, 1 Oct 1996 09:54:01 -0500
From: mcinnis@austin.ibm.com (McInnis)
Message-Id: <9610011454.AA21206@babe01.austin.ibm.com>
Subject: Re: [APRSSIG:5271] starting the coffee pot via aprs
To: aprssig@tapr.org
Date: Tue, 1 Oct 1996 09:54:00 -0500 (CDT)
In-Reply-To: <3250CC1B.10EF@dpliv.com> from "henryvb" at Oct 1, 96 02:56:22 am
X-Mailer: ELM [version 2.4 PL25]
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

>
> Joe kf4dys wrote:
>
> > Now if it would just start the coffee pot for me... :-)
>
> I'm not sure if it can start the coffee pot, but APRS should
> be able to make the rest of your breakfast for you.
> Read the documentation about the Hardware Cereal Port :)
>
> Henry

>
>

Sure it does coffee. Check the archives for the java interface.

--
Mickey McInnis - mcinnis@austin.ibm.com
--

All opinions expressed are my own opinions, not my company's opinions.

From paulc@cyclades.com Tue Oct 01 11:34:04 1996
Received: from MediaCity.com (root@easy1.mediacity.com [205.216.172.10]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA07801 for <aprssig@tapr.org>; Tue, 1
Oct 1996 11:34:03 -0500 (CDT)
Received: from tech (easyfm.mediacity.com [205.216.172.145]) by MediaCity.com
(8.6.11/8.6.9) with SMTP id JAA17207 for <aprssig@tapr.org>; Tue, 1 Oct 1996
09:30:16 -0700
Sender: paul@MediaCity.com
Message-ID: <325044A1.72204FE4@cyclades.com>
Date: Mon, 30 Sep 1996 15:07:29 -0700
From: Paul Christenson <paulc@cyclades.com>
Organization: Cyclades Corporation
X-Mailer: Mozilla 3.0 (X11; U; Linux 2.0.6 i586)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5253] Re: DOS *.TXT FILES
References: <v03007806ae758a7b1473@[165.1.27.20]>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark Sproul wrote:

> A xxx.EXE file is USELESS to a Mac user. A ZIP file is at least able
> to be read on a Mac (can a PC handle a Mac Stuffit file?).

A self-extracting ZIP file can be unzipped by a regular unZIP program.
It's simply a standard ZIP file with a small header tacked on.

And yes, there are un-Stuffit programs available for the PC.

--

```
+-----+
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| Maker of High Performance Multiport Serial Cards |
| Unsolicited mail ads subject to a $25 handling fee |
+-----+
```

From mead@hamal.usc.edu Tue Oct 01 12:07:15 1996
Received: from usc.edu (usc.edu [128.125.253.136]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id MAA08785 for <aprssig@tapr.org>; Tue, 1 Oct 1996 12:07:13 -0500
(CDT)

Received: from hamal.usc.edu (mead@hamal.usc.edu [128.125.18.25])
by usc.edu (8.7.6/8.7.2/usc) with ESMTP
id KAA28773 for <aprssig@tapr.org>; Tue, 1 Oct 1996 10:07:06 -0700 (PDT)
Received: (from mead@localhost)
by hamal.usc.edu (8.7.6/8.7.3/usc)
id KAA05033; Tue, 1 Oct 1996 10:07:03 -0700 (PDT)
Date: Tue, 1 Oct 96 10:07:03 PDT
From: Dick Mead <mead@hamal.usc.edu>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5274] APRS DOC Files
In-Reply-To: Your message of Tue, 1 Oct 1996 07:10:51 -0500 (CDT)
Message-ID: <CMM.0.90.4.844189623.mead@hamal.usc.edu>

> An Open Letter to Mark Sproul:
>
> Dear Mark:

...

> Also, I find MAC users a little strange as the ratio of MACs to IBM
> compatibles in the reald world is about 1 to 99.
>
> Have a nice day. John - N5XAK...
>
>

Now John, this REALLY annoys me. I am NOT "a little strange".

I am a LOT strange ;)
get a grip

Dick WB6NGC

From kb6lfm@ix.netcom.com Tue Oct 01 12:13:25 1996
Received: from dfw-ix2.ix.netcom.com (dfw-ix2.ix.netcom.com [206.214.98.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA08853 for <aprssig@tapr.org>; Tue, 1
Oct 1996 12:13:23 -0500 (CDT)

From: kb6lfm@ix.netcom.com
Received: from ala-ca11-15.ix.netcom.com (kb6lfm@ala-ca11-15.ix.netcom.com [199.35.209.175]) by dfw-ix2.ix.netcom.com (8.6.13/8.6.12) with SMTP id KAA09681 for <aprssig@tapr.org>; Tue, 1 Oct 1996 10:12:50 -0700
Message-ID: <325150B9.76CD@ix.netcom.com>
Date: Tue, 01 Oct 1996 10:11:21 -0700
X-Mailer: Mozilla 2.01E-NC250 (Win95; U; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Matt (WT3C) & USCG Icebreaker "Polar Star"
Content-Type: multipart/mixed; boundary="-----45AFA295EB9"

This is a multi-part message in MIME format.

-----45AFA295EB9
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all.

Please give Matt (newbie) WT3C a warm welcome to APRS SIG. Matt is the MREO (Radioman) on the USCG Icebreaker Polar Star. Matt contacted me a few days ago expressing a desire to get on APRS. I believe I've got him pointed in the right direction by hooking him up with his local APRS "Guru" and suggested he join us here on the SIG. I'm going to try and get Matt to rig-up a 30m beacon on the "Polar Roller". Believe "she" is in WA now, and soon to depart for Antarctica. At present, Matt is looking for some local maps. <see attached>

My thanks & 73. Bill

-----45AFA295EB9
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Disposition: inline; filename="MATT5"

MSG#568 09/29/96 02:11:06 FROM WT3C TO KB6LFM
SUBJECT: APRS INFO
PATH: KG6DV

Greetings.
Thanks for the reply.
Here is the information you requested:

APRS VERSION: APRS75C
TNC: KPC3 V 6.0 (GPS NMEA CAPABLE)
ALSO HAVE A KAM BUT ONLY V 7.1
GPS: GARMIN 45XL
PURPOSE: HOPEFULLY BOTH VHF AND HF
BASE, CAR AND MARTIME MOBILE
I'm on the CG icebreaker POLAR STAR

Yes I'm on the net.

I've searched the web and found many sites with APRS info but many came back with an invalid address.

I downloaded my copy of APRS software on the web but was unable to find any maps for my area other than the generic US 48 state map. What I was hoping for was someone to hold my hand and get me going with APRS vice continuing to search the web.

INTERNET ADDRESS: PHKV94A@PRODIGY.COM

I'm on packet too but I prefer internet email and PACTOR/GTOR.

Thanks again for taking the time to answer me.
Hope to hear from you again soon.

73,

Matt (WT3C)

OH, in case I forgot to tell you... I'm in the Seattle/Puget Sound area (MAPS?)

DE WT3C SK

-----45AFA295EB9--

From weather@xnet.com Tue Oct 01 13:02:01 1996

Received: from mail.xnet.com (flood.xnet.com [198.147.221.35]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA10384 for <aprssig@tapr.org>; Tue, 1 Oct 1996 13:01:57 -0500 (CDT)

Received: from weather.xnet.com by mail.xnet.com (8.7.5/XNet-2.1R) with SMTP id NAA25226 for <aprssig@tapr.org>; Tue, 1 Oct 1996 13:03:41 -0500 (CDT)

Date: Tue, 1 Oct 1996 13:03:41 -0500 (CDT)

Message-Id: <199610011803.NAA25226@mail.xnet.com>

X-Sender: weather@quake.xnet.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: "Ron Malinowski, Jr." <weather@xnet.com>

Subject: Ultimeter Data Logger Software

I am looking for a report on the Ultimeter's software that you can purchase to log data. I know people who own the davis units there software does a pretty good job of logging and keeping information in a form that people can determine one days high and low, and when a big wind gust occurred, and a visual chart of current conditions and highs and low, does the Ultimeter software do the same? I am told you can graph any variable for any time frame, which sound good. Any comments appreciated, especially if anyone has played with both software programs.

From bruninga@nadn.navy.mil Tue Oct 01 13:39:31 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA11508 for <aprssig@tapr.org>; Tue, 1 Oct 1996 13:39:28 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id OAA23273 for <aprssig@tapr.org>; Tue, 1 Oct 1996 14:44:34 -0400 (EDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Tue, 1 Oct 1996 14:44:33 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5270] c/cm/cmd calls

In-Reply-To: <3250C9F4.9AE@dpliv.com>

Message-ID: <Pine.GS0.3.95.961001144248.17410D-1000000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 1 Oct 1996, henryvb wrote:

> Bob, since this appears to be a gigantic problem (I get this 3-4 times a
> day), how about stripping the lower case code off the front of a
> callsign if it is a c/cm/cmd in front of an upper case callsign? Should
> be just a few lines of code, and would take care of a bunch-o-things,

APRSDos REPLY/COMMENT: That code has been in there all along. It strips off any leading cmd: or "c" but what still gets through are cmd: cc, ccmd etc that dont match exactly. Making it generic to all lower case letters might work...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadn.navy.mil Tue Oct 01 13:44:31 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA11627 for <aprssig@tapr.org>; Tue, 1 Oct 1996 13:44:28 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id OAA23730 for <aprssig@tapr.org>; Tue, 1 Oct 1996 14:49:33 -0400 (EDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Tue, 1 Oct 1996 14:49:33 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5275] Re: starting the coffee pot via aprs

In-Reply-To: <199610011234.FAA19748@m1.sprynet.com>

Message-ID: <Pine.GS0.3.95.961001144719.17410E-1000000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 1 Oct 1996 ku0g@sprynet.com wrote:

> BOB B...Why doesn't the position timer reset when an updated posit is
> received from the GPS? It would seem appropriate and eliminate the
> need to hit any keys to send the new position. At 70 MPH given P>9 timer
> parameter by the time a mobile sends the posit he may be 10-12 miles
> away!

APRSDos REPLY/COMMENT: Operator error. Set your POSRATE to what ever you
want using the ALT-S-POSRATE command. Save a config file to keep it that
way...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From Paul_Moller@csg.mot.com Tue Oct 01 13:58:13 1996

Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA12031 for <aprssig@tapr.org>; Tue, 1 Oct 1996
13:58:12 -0500 (CDT)

Received: from pobox.mot.com (pobox.mot.com [129.188.137.100]) by motgate2.mot.com
(8.7.3/8.6.10/MOT-3.8) with ESMTP id SAA19392 for <aprssig@tapr.org>; Tue, 1 Oct
1996 18:53:44 GMT

Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by
pobox.mot.com (8.7.6/8.6.10/MOT-3.8) with SMTP id NAA14512 for <aprssig@tapr.org>;
Tue, 1 Oct 1996 13:57:28 -0500 (CDT)

Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by
OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id NAA08687 for <aprssig@tapr.org>;
Tue, 1 Oct 1996 13:57:11 -0500

Message-Id: <3.0b28.32.19961001135842.006f1b94@144.188.134.33>

X-Sender: mollpj@144.188.134.33

Disposition-Notification-To: <Paul_Moller@csg.mot.com>

X-Mailer: Windows Eudora Pro Version 3.0b28 (32)

Date: Tue, 01 Oct 1996 13:58:44 -0500

To: aprssig@tapr.org

From: Paul Moller <Paul_Moller@csg.mot.com>

Subject: Re: [APRSSIG:5259] Re: 144.3-.5 Mhz Mobile Satellite channels

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 01:26 PM 9/30/96 -0500, you wrote:

>WB4APR REPLY: Very true. But for the typical vertical 1/4 wave omni
>antenna which a mobile would use for mobile satellite communications,
>and which the microsat will use as a receive antenna, the aperture of
>the antenna *is* proportional to wavelength squared and therefore the
>overall pathloss is less in this application. Considering the larger
>aperture on both the vehicle and the satellite for 19" whips, I think the
>advantage of 2 meters is actually about 9.5 dB!
>

I agree with the 9.5 dB statement, but be careful with the "considering the
larger aperture on both" part. The reason is that only exactly the
transmitter power goes into the upper hemisphere from the TX 1/4 whip, no
matter what the wavelength. (OK ignoring cable losses, nearby object
absorption, atmospheric absorption and a few others). Thus only the
increase in the RX end aperture helps the path loss.

Paul Moller
Motorola CSG
847-523-5210
Motorola pager #7378

From Paul_Moller@csg.mot.com Tue Oct 01 14:20:47 1996
Received: from motgate2.mot.com (motgate2.mot.com [129.188.136.20]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA12941 for <aprssig@tapr.org>; Tue, 1 Oct 1996 14:20:44 -0500 (CDT)
Received: from mothost.mot.com (mothost.mot.com [129.188.137.101]) by motgate2.mot.com (8.7.3/8.6.10/MOT-3.8) with ESMTP id TAA26590 for <aprssig@tapr.org>; Tue, 1 Oct 1996 19:16:13 GMT
Received: from OAMPC10.csg.mot.com (OAMPC10.csg.mot.com [144.188.134.33]) by mothost.mot.com (8.7.6/8.6.10/MOT-3.8) with SMTP id OAA13244 for <aprssig@tapr.org>; Tue, 1 Oct 1996 14:20:08 -0500 (CDT)
Received: from PaulM_PC.csg.mot.com (PaulM_PC.csg.mot.com [144.188.36.8]) by OAMPC10.csg.mot.com (8.6.8.1/8.6.6) with SMTP id OAA08869 for <aprssig@tapr.org>; Tue, 1 Oct 1996 14:20:00 -0500
Message-Id: <3.0b28.32.19961001142132.006f4890@144.188.134.33>
X-Sender: mollpj@144.188.134.33
X-Mailer: Windows Eudora Pro Version 3.0b28 (32)
Date: Tue, 01 Oct 1996 14:21:34 -0500
To: aprssig@tapr.org
From: Paul Moller <Paul_Moller@csg.mot.com>
Subject: Re: [APRSSIG:5281] Ultimeter Data Logger Software
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:09 PM 10/1/96 -0500, you wrote:

>I am looking for a report on the Ultimeter's software that you can purchase
>to log data. I know people who own the davis units there software does a
>pretty good job of logging and keeping information in a form that people can
>determine one days high and low, and when a big wind gust occurred, and a
>visual chart of current conditions and highs and low, does the Ultimeter
>software do the same? I am told you can graph any variable for any time
>frame, which sound good. Any comments appreciated, especially if anyone has
>played with both software programs.
>

And what do we expect out of the next release of Winaprs? and how will that compare to these softwares?

>
>
Paul, WD9ABE

From sproul@ap.org Tue Oct 01 14:53:55 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA14250 for <aprssig@tapr.org>; Tue, 1 Oct 1996 14:53:53 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)

id PAA23375; Tue, 1 Oct 1996 15:48:37 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v0300780fae7725ee95cd@[165.1.27.20]>
In-Reply-To: <3.0b28.32.19961001142132.006f4890@144.188.134.33>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 1 Oct 1996 15:49:22 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5285] Re: Ultimeter Data Logger Software

>>I am looking for a report on the Ultimeter's software that you can purchase
>>to log data. I know people who own the davis units there software does a
>>pretty good job of logging and keeping information in a form that people can
>>determine one days high and low, and when a big wind gust occurred, and a
>>visual chart of current conditions and highs and low, does the Ultimeter
>>software do the same? I am told you can graph any variable for any time
>>frame, which sound good. Any comments appreciated, especially if anyone has
>>played with both software programs.

>>

>

>And what do we expect out of the next release of Winaprs? and how will that
>compare to these softwares?

>

>

About WinAPRS and weather history data

All of this is currently able to be done under MacAPRS, therefore it WILL
be ported to WinAPRS, it is not real high on the list but should be done in
a few more months.

Mark

| | |
|---|-----------------------|
| Mark Sproul | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press | |
| sproul@ap.org | Work: 609-860-7120 |
| North Brunswick, NJ | Fax: 609-860-7129 |
| http://msproul.rutgers.edu/ | |

From John.Klingelhoefter@comsat.com Tue Oct 01 16:12:34 1996
Received: from kato.cws.comsat.com (root@kato.cws.comsat.com [134.133.176.105]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA16848 for <aprssig@tapr.org>; Tue, 1
Oct 1996 16:12:32 -0500 (CDT)
From: John.Klingelhoefter@comsat.com
Received: from smtpgw.cws.comsat.com (misnt1.cws.comsat.com [134.133.176.130]) by
kato.cws.comsat.com (8.7.5/8.7.3) with SMTP id RAA18110; Tue, 1 Oct 1996 17:10:09
-0400 (EDT)
Received: from ccMail by smtpgw.cws.comsat.com
(IMA Internet Exchange 2.02 Enterprise) id 25188FA0; Tue, 1 Oct 96 17:11:22

-0400

Mime-Version: 1.0

Date: Tue, 1 Oct 1996 16:58:38 -0400

Message-ID: <25188FA0.1957@comsat.com>

Subject: APRS HF Dedicated Xcvr: FCC Part 15 Testing

To: aprssig@tapr.org

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

Content-Description: cc:Mail note part

A couple of weeks ago, I posted a note about discussions I'd had with WB4APR about a dedicated HF transceiver for APRS use. I'd mentioned in that that one of the things that had dissuaded me from going much further on it was the need to submit the prototype design to an FCC test lab for Part 15 testing prior to kitting or manufacturing.

Offline in private conversation (if you can call 2 meters private!), Bob asked me if I was sure about that with regard to kits. I have gone back and checked 47CFR Part 15, and yes, indeed, that would be required. Per part 15.23 (referring to a kit type device):

"15.23 Home-built devices.

(a) Equipment authorization is not required for devices that are not marketed, are not constructed from a kit, and are built in quantities of five or less for personal use."

Since these devices would be both marketed, and a kit, testing and submission of data (by a qualified test house) does apply. I also fall back to my time as a design engineer for Heathkit in the late '70's and early '80's to know that at least at that time we had to go through this for each kit model that had a receiver within the Part 15 range.

Again, it does seem very strange to me that one can sell a kilowatt power amplifier kit without having it tested, but cannot sell a receiver where incidental radiation is the "problem". However, that is the case. Selling a "kitted" or complete amateur radio transceiver has the barrier to entry that the receive section must be tested at cost to the producer, but the transmitter does not necessarily have to.

What exactly constitutes a kit may be open to interpretation; if a PWB alone is sold, and it is up to the purchaser to find the other parts, is it a kit? If you sell a grouping of all of the electronic components, but no cabinet, is it a kit? Certainly, if anything, the performance would probably be more repeatable if only one entity were supplying all of the parts.

I'd still like to know how many APRS'ers would want to spend the \$199 for a single channel, single band, low power, FSK only, HF data radio.

73

John...

WB4LNM

From rwf@mindspring.com Tue Oct 01 16:45:31 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA17899 for <aprssig@tapr.org>; Tue, 1 Oct 1996 16:45:29 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with ESMTP id RAA23500 for <aprssig@tapr.org>; Tue, 1 Oct 1996 17:45:28 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com [168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id RAA29019 for <aprssig@tapr.org>; Tue, 1 Oct 1996 17:45:26 -0400
Message-Id: <2.2.32.19961001214918.006e9d70@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 01 Oct 1996 17:49:18 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:5276] Re: Graying WX stations.

Happens all the time to me in DOS. The filter is a great Idea, Bob!!
And Bob- if you say the filter for c is there, then maybe you broke it, cause I get a lot of them.

I see it on other calls, too. Used to show up a lot on HSP mode (folks would also become lighthouses), but with the PICO, all that problem has disappeared.

```
>>> APRSDos REPLY/COMMENT: Sometimes your transmitted packet may be
>>>received
>>> with a slight garble (such has having a "c" or "cmd" infront of it.
>>>APRS
>>> sees this as a NEW station with the call of cmdW3XYZ and then plots
>>>this
>>> garble of your station ON TOP of your station.>
>>
>>I have noticed this "garble" on occasion.....always on my own station
>>call.
```

From rwf@mindspring.com Tue Oct 01 16:45:33 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA17897 for <aprssig@tapr.org>; Tue, 1 Oct 1996 16:45:28 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by answerman.mindspring.com (8.7.5/8.7.3) with ESMTP id RAA10378 for <aprssig@tapr.org>; Tue, 1 Oct 1996 17:45:26 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com

[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id RAA29010 for <aprssig@tapr.org>; Tue, 1 Oct 1996 17:45:25 -0400
Message-Id: <2.2.32.19961001214916.006d0714@mindspring.com>
X-Sender: rwf@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 01 Oct 1996 17:49:16 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:5275] Re: starting the coffee pot via aprs

At 07:50 AM 10/1/96 -0500, KU0G wrote:

>How about a choice of posit transmit periods? Normal or user selectable rate
>would serve the purpose, I'd think. Same type of parm input as you're
using on
>REDRAW RATE....

Jim- Why not try using HSP mode. I use it and love it! The ALT S P screen allows selectable posit rates all the way down to once a second. Same for the update on screen from the GPS. I use a 30 second screen update rate and the default 180 second position rate. If I need a good screen trail, I can toggle HSP once a second, getting a good breadcrumb trail and then slow down the toggle when I have mapped the road I want.

Why are you using SPM anyway, you seem to be a pretty intense user of APRS- I'd expect you to be using it already (but I do know you sell the SPM switch).

And your comment on how easy it is to do an X P and send a posit.... I have been trying to impress that on the Authors of APRS for other platforms too! Many people don't operate mobile much and have a chance to appreciate the single key commands. No function or alternate key, just plain, simple single keys (like you can do out of the corner of your eye).

Ralph Fowler, N4NEQ , S.E.R.A. ATV Technical Advisor Atlanta, GA USA

Internet Email: rwf@mindspring.com Pager Email: 7647836@skytel.com
2 way pager: 1 (800) 764-7836
<http://www.mindspring.com/~rwf> for APRS, ATV, Balloon, and Ham info
My hobby is tracking Vehicles and other things using Ham Radio and APRS.
Ask me how!

From gwyn@paccomm.com Tue Oct 01 17:16:25 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA19021 for <aprssig@tapr.org>; Tue, 1 Oct 1996 17:16:22 -0500 (CDT)
Received: from gwyn.paccomm.com by paccomm.com with smtp (Smail3.1.29.1 #1) id m0v8D70-000FQLC; Tue, 1 Oct 96 18:16 EDT
Received: by gwyn.paccomm.com with Microsoft Mail id <01BBAFC4.5F50C400@gwyn.paccomm.com>; Tue, 1 Oct 1996 18:14:23 -0400

Message-ID: <01BBAFC4.5F50C400@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:5287] APRS HF Dedicated Xcvr: FCC Part 15 Testing
Date: Tue, 1 Oct 1996 18:14:21 -0400
Encoding: 17 TEXT

John.Klingelhoefter@comsat.com[SMTP:John.Klingelhoefter@comsat.com] said:

>Again, it does seem very strange to me that one can sell a kilowatt power
>amplifier kit without having it tested, but cannot sell a receiver where
>incidental radiation is the "problem". However, that is the case.

I agree with the facts John has uncovered and with his observation about
'strangeness.' I'd call it dumb!
Describe it as you may, it is a real hinderance to the production of
amateur radio products.

But, the cost is perhaps \$5000 so it is not a show stopper if there really
is a market. But that is \$10 over 500 units (unlikely) or \$50 over 100
units (too much per unit). Don't you see why hams tag along on commercial
units.

From kb8ast@rush.MWWEB.COM Tue Oct 01 20:11:57 1996
Received: from mwwweb.com (JadeSun@[207.50.157.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id UAA24307 for <aprssig@tapr.org>; Tue, 1 Oct 1996 20:11:55 -0500 (CDT)
Received: by mwwweb.com from localhost
(router,SLmailNT V2.0); Tue, 01 Oct 1996 21:14:32 Eastern Daylight Time
Received: by mwwweb.com from kb8ast.mwwweb.com
(207.50.157.73::mail daemon; unverified,SLmailNT V2.0); Tue, 01 Oct 1996
21:14:30 Eastern Daylight Time
Message-ID: <MAPI.Id.0016.00623861737420203030303630303036@MAPI.to.RFC822>
Read-Receipt-To: Bob Merchant <kb8ast@mwwweb.com>
Priority: Normal
To: aprssig@tapr.org
MIME-Version: 1.0
From: "KB8AST" <kb8ast@rush.MWWEB.COM>
Subject: RE: NE Ohio Hf Stations heard
Date: Tue, 01 Oct 96 21:07:56 PDT
Content-Type: text/plain; charset=US-ASCII; X-MAPIextension=".TXT"
Content-Transfer-Encoding: 7bit

I wrote a message on HF STATIONS HEARD IN NE OHIO.
>KT4DD, KUOG-1, KF0ZH, WB9OML, W4HBK, N2CZF, HH2B, WD5CWZ, VA6RTX,
>WD4HZO, W5RPQ, N0AN, WB5RYR, NU5Q, W7LUS-14/mob, W7LUS, K4OLZ, KP4DDB
>I have a question, are the hf digi's vertically or horizontally polarized.
>I would suspect vertical because that would permit the best 360 degree
>pattern. 73, de KB8AST
>END OF MSG

...and I recieved this interesting note on Tuesday, October 1.

From: WB4GQK@W4DPH.#TPA.FL.USA.NA
To : KB8AST@KB8AST.#NEOH.OH.USA.NA

Hi, Well you will not see my station, simply because I use a full wave 30 meter end fed sloper. It's slope direction is 170 deg. Unfortunately NE OHIO is PRECISELY blanked by my 50' tower.

This antenna was purposely set up to track cruising hams in the Caribbean. I maintain a list of 29 vessels and pass their positions over a voice Maritime Mobile net. On an average there is about 3 vessels that will digi their positions each day.

Generally they transmit between 0800-0900 EDT. The posit beacons are directed to me and as soon as my station ACKs their beacon they generally shut down (to conserve power). You should be able to see the vessels in the P.R. and Virgins. There have been 5 transmitting from Venezuela and Trinidad which are fairly weak. You may not be able to copy them. AD4MR has a good S7 signal and he is cruising in the San Blas islands, just off Panama. My station runs every day from 0600 to 2200 EDT.

As a side issue most of these cruising Hams have given our tel number to their family and close friends. My XYL, N4TFP and I receive at least one phone call a week for information about a vessel's location and enroute progress.APRS is serving another great service. 73 de Jim WB4GQK@W4DPH.#TPA.FL.USA.NOAM

GRIDSQ --- EN91kr

May you have the pleasure of participating in a challenging existence..
73 from G. R. (Bob) Merchant in Perry Twp, Lake County, Ohio

Packet --- kb8ast.#neoh.oh.usa.na
ampr.org --- kb8ast@geaugasw.ampr.org
TCP/IP --- kb8ast.ampr.org [44.70.248.17]
 neswch.ampr.org [44.70.248.18]
INTERNET --- hi010@cleveland.freenet.edu
 KB8AST@www.mwwwweb.com
PUBLIC ACCESS LANDLINK --- 216-259-5612

From kc4hdk@gate.net Tue Oct 01 20:42:47 1996
Received: from osceola.gate.net (root@osceola.gate.net [199.227.0.18]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA24890 for <aprssig@tapr.org>; Tue, 1 Oct 1996 20:42:45 -0500 (CDT)
Received: from robert-j.-dye (pslfl3-32.gate.net [199.227.20.159]) by osceola.gate.net (8.7.6/8.6.12) with ESMTP id VAA42570; Tue, 1 Oct 1996 21:42:38 -0400
Message-Id: <199610020142.VAA42570@osceola.gate.net>
Reply-To: <kc4hdk@gate.net>
From: "Bob Dye" <kc4hdk@gate.net>

To: "aprs sig" <aprssig@tapr.org>
Cc: "Chicago Map Corporation" <Mail@chicagomap.com>
Subject: Precision Mapping
Date: Tue, 1 Oct 1996 21:43:36 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I purchased the software last Wednesday and have found that is inoperative with a Magellan Meridian. A Garmin seems to work fine. Only the RMC statement is missing from the Magellan. Neither has the satellite information working. I contacted the company Sunday with e-mail and have yet to receive a response. Monday I did call and was informed that a new version of the GPS interface would be released and available through their web page. I wrote a small letter including a few line of sample data from the Magellan and faxed it over to their company. I am patiently awaiting their response. I am not directly on the APRS sig so please E-MAIL me direct.

Bob
kc4hdk@gate.net!

From jerryr49@magg.net Tue Oct 01 21:19:08 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA26248 for <aprssig@tapr.org>; Tue, 1 Oct 1996 21:19:06 -0500 (CDT)
Received: from jerryr49.magg.net (wpb-104.magg.net [205.218.112.104]) by grumpy.magg.net (8.7.6/8.7.6-Zaph-1) with ESMTP id WAA21769 for <aprssig@tapr.org>; Tue, 1 Oct 1996 22:18:49 -0400
Message-Id: <199610020218.WAA21769@grumpy.magg.net>
From: "Jerry Rector" <jerryr49@magg.net>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:5286] Re: Ultimeater Data Logger Software
Date: Tue, 1 Oct 1996 22:16:54 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Mark,

I am using the Davis Weather Monitor II (COM4) and an MFJ 1270b (COM2) under WinAPRS 1.1.3

All weather data gets transmitted correctly, but in the Weather Display Window, the current wind direction shows up on the upper compass rose, while the current wind speed shows

up the the lower box.

What are the two compass roses and the two wind speed boxes?

(The upper wind speed box never shows and data)

(I don't know WHAT the lower compass rose is displaying.)

73 de Jerry, KB4OAM

```
> From: Mark Sproul <sproul@ap.org>
> To: aprssig@tapr.org
> Subject: [APRSSIG:5286] Re: Ultimeter Data Logger Software
> Date: Tuesday, October 01, 1996 4:11 PM
>
> >>I am looking for a report on the Ultimeter's fotware that you can
purchase
> >>to log data. I know people who own the davis units there software does
a
> >>pretty good job of logging and keeping information in a form that
people can
> >>determine one days high and low, and when a hig wind gust occured, and
a
> >>visual chart of current conditions and highs and low, does the
Ultimeter
> >>software do the same? I am told you can graph any variable for any
time
> >>frame, which sound good. Any comments appreciated, especially if
anyone has
> >>played with both software programs.
> >>
> >
> >And what do we expect out of the next release of Winaprs? and how will
that
> >compare to these softwares?
> >
> >
>
> About WinAPRS and weather history data
>
> All of this is currently able to be done under MacAPRS, therefore it WILL
> be ported to WinAPRS, it is not real high on the list but should be done
in
> a few more months.
>
> Mark
>
>
```

| | |
|-----------------------------------|-----------------------|
| > Mark Sproul | Amateur Radio: KB2ICI |
| > Software Engineer @ Assoc Press | |
| > sproul@ap.org | Work: 609-860-7120 |
| > North Brunswick, NJ | Fax: 609-860-7129 |

> http://msproul.rutgers.edu/

>

>

From lmiller@ezl.com Tue Oct 01 22:03:05 1996

Received: from ns.ezl.com (root@ns.ezl.com [206.24.43.10]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id WAA28244 for <aprssig@tapr.org>; Tue, 1 Oct 1996
22:03:03 -0500 (CDT)

Received: from lmiller.ezl.com (ppp10.ezl.com [206.24.43.21]) by ns.ezl.com
(8.7.3/8.6.9) with SMTP id WAA22686 for <aprssig@tapr.org>; Tue, 1 Oct 1996
22:11:03 -0500 (CDT)

Message-ID: <3251DB45.37D0@ezl.com>

Date: Tue, 01 Oct 1996 22:02:29 -0500

From: Larry Miller <lmiller@ezl.com>

X-Mailer: Mozilla 2.02 (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5244] Re: Graying WX stations.

References: <Pine.GS0.3.95.960930005709.2575J-1000000@arctic>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>

> On Sun, 29 Sep 1996, Larry Miller wrote:

>

> > I still am having my station graying out. I tried to delete the old
> > config file and rebuild and I am still having the problem.

>

> APRSdos REPLY/COMMENT: Sometimes your transmitted packet may be received
> with a slight garble (such as having a "c" or "cmd" in front of it. APRS
> sees this as a NEW station with the call of cmdW3XYZ and then plots this
> garble of your station ON TOP of your station. Since this was a ONE-TIME
> garble, it will eventually fade to gray! COuld this be it?

I don't think so. I zeroed the memory and my station still appeared
gray. Looks like I need to go back to 7.6f.

--

Larry

Personal: lmiller@ezl.com

Ham Radio: n9lbg@kd9sg.#sil.il

Home Page: http://www.ezl.com/~lmiller

From etjm@ECUA.NET.ec Tue Oct 01 22:46:00 1996

Received: from ecua.net.ec (ecua.net.ec [157.100.1.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA29315 for <aprssig@tapr.org>; Tue, 1 Oct 1996
22:45:55 -0500 (CDT)

Received: from [157.100.1.92] by ecua.net.ec (AIX 4.1/UCB 5.64/4.04)
id AA46794; Tue, 1 Oct 1996 22:40:39 -0500

Message-Id: <9610020340.AA46794@ecua.net.ec>

X-Sender: etjm@az.pro.ec

X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 01 Oct 1996 20:48:26 -0500
To: aprssig@tapr.org
From: etjm@ECUA.NET.ec (teodoro jaramillo)
Subject: Re: [APRSSIG:5280] Matt (WT3C) & USCG Icebreaker "Polar Star"

Hello Bill and HELLO MATT W T 3 C

Short msg to reunite efforts and fun and new digital techniques
nowdays....sorsrt of lost each other on pactor-short and long
path for a while...great opportunity to "TRACK THE POLAR STAR".
everyone around will be delilghted and a great challenge..so with
the effective help of Bill and everyone on this net.... i do not think
you have an alternative.... have to set up a 30meter. system
with a vertical,tunned or anything on the Breaker.... Great to see you ...
My efforts are at this time:
486 dx 4 100 and or course APRS.
ICOM 765 (TCX0) ON 10.151 USUALLY AT PROPAGATION TIMES WHICH ARE
EVENINGS 2300Z TILL 1200Z OR SO MOSST OF THE TIME.

BEACONING WITH A PACCOMM TINY -2 MK2-GPS AND A KAM+ GATEING
FROM VHF TO HF AT TIMES WHEN MOBILE.. NOT TOO OFTEN...AND FIXED
AT 0255.15S 0799.56W AND 2860 METERS ABSL.
ANTENA B & W BETWEEN TWO TOWERS ABOUT 75 FEET OR SO....
FUTURE SYSTEMS STUDYING THE POSSIBILITIES AND SERVICES OF EITHER
A ULTIMETER-II AND OR DAVIS SYSTEM (UNDER STUDY AT PRESENT TIME).

So far I am the only (crazy sysop) doing all digital modess inclu
dying some sats, and pactor 1 and 2 Clover and also contesting
RTTY at times. Just need more time.....
Well i have taken note of your address at prodigy and will not
abusse the aprssig net... again.

Much to learn yet at this end but friends very helpful and reading
an average of 50-80 msgs a day keeps you busy with APRS and variations.....

Look forward as well as everyone else to TRACK the POLAR STAR in it's
artic approach... long ways from ECUADOR'S ANDES but will do out best.

Thanks Bill for posting and Bill also got me into the net a few
months ago....sure great.
Let us all know tyour operating routines for the future and I shall be on
the llok out for gps-aprs and other pactor and g-tor as well...
73's and next msg will be thru Prodigy. Please do it
likewisse when you can...

etjm@az.pro.ec.

(message sort of justified for 'NEWBIES'.....)
TED HC5K
>Greetings all.

>
> Please give Matt (newbie) WT3C a warm welcome to APRS SIG. Matt is the
>MREO (Radioman) on the USCG Icebreaker Polar Star. Matt contacted me a
>few days ago expressing a desire to get on APRS. I believe I've got him
>pointed in the right direction by hooking him up with his local APRS
>"Guru" and suggested he join us here on the SIG. I'm going to try and get
>Matt to rig-up a 30m beacon on the "Polar Roller". Believe "she" is in WA
>now, and soon to depart for Antarctica. At present, Matt is looking for
>some local maps. <see attached>
>
>My thanks & 73. Bill
>MSG#568 09/29/96 02:11:06 FROM WT3C TO KB6LFM
>SUBJECT: APRS INFO
>PATH: KG6DV
>
>Greetings.
>Thanks for the reply.
>Here is the information you requested:
>
>APRS VERSION: APRS75C
>TNC: KPC3 V 6.0 (GPS NMEA CAPABLE)
> ALSO HAVE A KAM BUT ONLY V 7.1
>GPS: GARMIN 45XL
>PURPOSE: HOPEFULLY BOTH VHF AND HF
> BASE, CAR AND MARTIME MOBILE
> I'm on the CG icebreaker POLAR STAR
>
>Yes I'm on the net.
>I've searched the web and found many sites with APRS
>info but many came back with an invalid address.
>
>I downloaded my copy of APRS software on the web but
>was unable to find any maps for my area other than the
>generic US 48 state map. What I was hoping for was
>someone to hold my hand and get me going with APRS
>vice continuing to search the web.
>
>INTERNET ADDRESS: PHKV94A@PRODIGY.COM
>I'm on packet too but I prefer internet email and PACTOR/GTOR.
>
>Thanks again for taking the time to answer me.
>Hope to hear from you again soon.
>
>73,
>Matt (WT3C)
>
>OH, in case I forgot to tell you... I'm in the
>Seattle/Puget Sound area (MAPS?)
>
>DE WT3C SK
>
>
>

From ku0g@sprynet.com Tue Oct 01 23:39:09 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA00886 for <aprssig@tapr.org>; Tue, 1 Oct 1996 23:39:06 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.165.86] (ad23-086.compuserve.com [199.174.165.86]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id VAA17021 for <aprssig@tapr.org>; Tue, 1 Oct 1996 21:36:11 -0700
Date: Tue, 1 Oct 1996 21:36:11 -0700
Message-Id: <199610020436.VAA17021@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:5289] Re: starting the coffee pot via aprs
To: aprssig@tapr.org
In-Reply-To: <2.2.32.19961001214916.006d0714@mindspring.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

Well, I tried to build an HSP and failed. I got in a hurrt as I had an event to track (the Olympic Torch Relay) and had to get the GPS interfaced and operational. I'm thinking that it may be best in the long-run with regard to channel-loading to use the SPM and force the xmit at my choice. Obviously if I am following a wall cloud then I'm going to want to uplink my position VERY often whereas when I'm mobile on the way to work I don't transmit my position more than every few minutes.

Maybe one of my local brethren in APRS will send me a better schematic than I have in the APRS docs. I'm a little fuzzy on what connects where in that printout....

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From rkramer@vaxxine.com Wed Oct 02 00:48:44 1996
Received: from alpha.vaxxine.com (root@alpha.vaxxine.com [198.53.148.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA09406 for <aprssig@tapr.org>; Wed, 2 Oct 1996 00:48:42 -0500 (CDT)
Received: from slip12.mergetel.com by alpha.vaxxine.com; (5.65/1.1.8.2/18Nov94-1210PM)
id AA12402; Wed, 2 Oct 1996 01:54:28 -0400
From: rkramer@vaxxine.com (Ronald Kramer)
To: aprssig@tapr.org
Subject: Re: NEPA APRS
Date: Wed, 02 Oct 1996 06:47:26 GMT
Message-Id: <32520e3c.4750202@vaxxine.com>
References: <199609301212.HAA03067@bulldog.afsc.k12.ar.us>
In-Reply-To: <199609301212.HAA03067@bulldog.afsc.k12.ar.us>
X-Mailer: Forte Agent .99e/32.227

On Mon, 30 Sep 1996 07:30:14 -0500 (CDT), you wrote:

>There is a well located WIDE in Erie, PA. I ran across it on my trip thru
>there. I'll have to look it up first!

I believe it's callsign is N3EOY

>J. Scott Ratchford - KC5JGV - Marshall, Arkansas

>* ARRL * ARES EC * RACES * NAARS, Inc. *

>* MVFD/EMS FR * CCL #426 *

>

>

>-----

>> From: Al Zelna <ldajz@epix.net>

>> To: aprssig@tapr.org

>> Subject: [APRSSIG:5210] NEPA APRS

>> Date: Saturday, September 28, 1996 6:03 PM

>>

>> Howdy folks,

>>

>> Some time ago I sent out a message to this SIG looking for the calls of

>> APRS WIDEs in WNY and ENY. I don't seem to recall getting any replies.

>> Does anyone know if there are any in or around Hamandsport, Ithaca,

>> Elmira, Binghamton, Utica, or Albany?

For WNY WIDE-RELAY's try:

KB2WYA in Rochester NY 144.390

W2ICZ-2 in Buffalo NY 144.390

KE2VW-2 in Holland NY 144.390

and on the North side of lake Ontario try

VE3RPT NE of Toronto 144.390

VE3YYZ downtown Toronto 144.390

VE3YAP NW of Toronto 144.390

VE3LSR Norht of Toronto near Barrie 144.390

Hope this is of some help to you on your travels

Regards, Ron ...

73 de Ron

Internet: ve3mx@mergetel.com (Ron Kramer)

Packet: ve3mx@ve3snp.#niag.on.can (sysop VE3SNP BBS)

From kmorris@enterprise.powerup.com.au Wed Oct 02 02:38:41 1996

Received: from enterprise.powerup.com.au (root@enterprise.powerup.com.au
[203.2.122.69]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA12010 for
<aprssig@tapr.org>; Wed, 2 Oct 1996 02:38:09 -0500 (CDT)

Received: from ts0509.powerup.com.au (ts0509.powerup.com.au [203.18.83.169]) by
enterprise.powerup.com.au (8.7.5/8.6.10) with SMTP id HAA01778 for

<aprssig@tapr.org>; Wed, 2 Oct 1996 07:37:54 GMT

Message-ID: <32530BB7.521F@mail.powerup.com.au>

Date: Wed, 02 Oct 1996 17:41:27 -0700

From: Ken Morris <kmorris@enterprise.powerup.com.au>

Reply-To: kmorris@enterprise.powerup.com.au

Organization: Personal Account
X-Mailer: Mozilla 3.0b7 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Setup TheNet X-1J4 and APRS
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anybody setup the X1J software for APRS ?
It seems that only LAT's/Long's can be used in beacon ?

Be interested in any setup's for X1J's so that we can try it out
here in VK. We have 13 X1J's in service.

Best 73's
Ken Morris
VK4KWM

From wd4cq@juno.com Wed Oct 02 02:53:43 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA12303 for <aprssig@tapr.org>; Wed, 2
Oct 1996 02:53:40 -0500 (CDT)
Received: (from wd4cq@juno.com) by x11.boston.juno.com (queuemail)
id AAB15164; Wed, 02 Oct 1996 00:46:16 EDT
To: aprssig@tapr.org
Subject: Subscribe
Message-ID: <19961003.075107.7791.1.WD4CQ@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-2
From: wd4cq@juno.com (Kenneth I Mathews)
Date: Wed, 02 Oct 1996 00:46:16 EDT

subscribe
aprssig
wd4cq@juno.com

From kheyboer@pinegov.co.pinellas.fl.us Wed Oct 02 06:41:13 1996
Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id GAA16766 for <aprssig@tapr.org>; Wed, 2 Oct 1996
06:41:11 -0500 (CDT)
Received: from none.gte.net by pinegov (SMI-8.6/SMI-SVR4)
id CAA06040; Wed, 2 Oct 1996 02:39:20 -0400
Message-ID: <325254F4.3ADC@co.pinellas.fl.us>
Date: Wed, 02 Oct 1996 07:41:40 -0400
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
Organization: Pinellllas SKYWARN Coordinator
X-Mailer: Mozilla 2.01E-GTE (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5296] Re: starting the coffee pot via aprs
References: <199610020436.VAA17021@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ku0g@sprynet.com wrote:

>

> Well, I tried to build an HSP and failed. I got in a hurrt as I had an event to
> track (the Olympic Torch Relay) and had to get the GPS interfaced and
> operational. I'm thinking that it may be best in the long-run with regard to
> channel-loading to use the SPM and force the xmit at my choice. Obviously if I
> am following a wall cloud then I'm going to want to uplink my position VERY
> often whereas when I'm mobile on the way to work I don't transmit my position
> more than every few minutes.

>

> Maybe one of my local brethren in APRS will send me a better schematic than I
> have in the APRS docs. I'm a little fuzzy on what connects where in that
> printout....

>

> Best 73,

> Jim Duncan, KU0G

> APRS--Kansas City Coordinator

> EMail: ku0g@sprynet.com Jim, when I built my HSP, I thought I had failed
too...until I realized

those silver colored plastic db-9 connectors conduct electricity and
ground out your circuit unless you insulate it....make sure the
transistor legs cannot touch the body of your shielded 9 pin connector
before you give up on the idea....mine works great and was built right
from the docs.

--

*****Kevin

Heyboer

E-Mail: kheyboer@co.pinellas.fl.us

Amateur Radio Call: KD4UYR

Packet Mail: KD4UYR@W4DPH.#TPA.FL.US

Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN

Assistant Emergency Coordinator for Amateur Radio Emergency Service

From byoung@qni.com Wed Oct 02 08:18:32 1996

Received: from qni.com (qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id IAA19137 for <aprssig@tapr.org>; Wed, 2 Oct 1996 08:18:30 -0500 (CDT)

From: byoung@qni.com

Received: from [208.130.180.72] (annex01-72.qni.com) by qni.com (5.x/SMI-SVR4)

id AA25485; Wed, 2 Oct 1996 08:20:00 -0500

Date: Wed, 2 Oct 1996 08:19:59 -0500

Message-Id: <9610021320.AA25485@qni.com>

Mime-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Subject: Re: [APRSSIG:5296] Coffee pots and HSP vs SPM switches...

To: aprssig@tapr.org

In-Reply-To: <199610020436.VAA17021@m1.sprynet.com>

X-Mailer: SPRY Mail Version: 04.10.06.22

> Maybe one of my local brethren in APRS will
> send me a better schematic than I have in
> the APRS docs. I'm a little fuzzy on what
> connects where in that printout....

>Best 73,
>Jim Duncan, KU0G
>APRS--Kansas City Coordinator
>EMail: ku0g@sprynet.com

To the APRS SIG,

WHEREAS, I have successfully constructed (from the schematic in the APRS docs...) and utilized an HSP switch.

WHEREAS, Jim has "commented" several times on the operation of my HSP switch, and how much he'd like to get one working.

THEREFORE, Wishing to advance the APRS fraternity, and since I'm a very kind, generous sort of person (as Jim will attest to...), I will take pity on Jim (my fellow Kansas City APRS Working Group Board Member, friend, and APRS mentor...), and help him install an HSP switch. ;^)

Jim, you get the parts and a "proto" board, and we'll build you an HSP...

Bill Young
byoung@qni.com
KB0UZQ

From weinkar@aa.wl.com Wed Oct 02 10:04:40 1996
Received: from envoy.wl.com (envoy.wl.com [162.48.254.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA23179 for <aprssig@tapr.org>; Wed, 2 Oct 1996 10:04:38 -0500 (CDT)
Received: by envoy.wl.com (5.65/allen-042593);
id AA02702; Wed, 2 Oct 1996 11:04:34 -0400
Received: from mr.research.aa.wl.com by SRVR01.RESEARCH.AA.WL.COM (PMDF V5.0-6 #4023) id <01IA5YLAHK1S000RDX@SRVR01.RESEARCH.AA.WL.COM> for aprssig@tapr.org; Wed, 02 Oct 1996 11:07:44 -0400 (EDT)
Received: with PMDF-MR; Wed, 02 Oct 1996 11:04:03 -0400 (EDT)
Mr-Received: by mta PDAV01.MUAS; Relayed; Wed, 02 Oct 1996 11:04:03 -0400
Mr-Received: by mta PDAV02; Relayed; Wed, 02 Oct 1996 11:04:12 -0400
Mr-Received: by mta SRVR01; Relayed; Wed, 02 Oct 1996 11:07:38 -0400
Disclose-Recipients: prohibited
Date: Wed, 02 Oct 1996 11:04:03 -0400 (EDT)
From: Rich Weinkauf x7179 <weinkar@aa.wl.com>
Subject: Re: [APRSSIG:5100] Re: UNPROTO and crippled unregistered software.
In-Reply-To: <9609252234.AA17379@qni.com>
To: "aprssig@tapr.org" <aprssig@tapr.org>
Message-Id: <7603041102101996/A93064/PDAV02/11AA12C33500*@MHS>
Autoforwarded: false
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
Importance: normal
Priority: urgent

Sensitivity: Company-Confidential

Ua-Content-Id: 11AA12C33500

X400-Mts-Identifler: [;7603041102101996/A93064/PDAV02]

Hop-Count: 2

>On Wed, 25 Sep 1996, William Nolle <wa8inz@cris.com> wrote:

>

>>This is exactly what i'm talking about. Here a user admits using APRS
>>for two years without registering, don't try to tell me it took that
>>long for that user to make up his mind on if he wanted to use APRS or
>>not. Also look at the path he used just to do some testing (Sure) at
>>other users expense. This would have been prevented if there was no
>>way for this user to have that type of path.

>

>Bill and the group,

>

>You miss the point! It *DID* take him that long to make up his mind
>about using APRS, and when he (finally...) did decide, he registered
>just as Bob intended.

>

>Also, take note of the fact that the user tried some "strange stuff",
>but caught his own error and learned a few things that he can now pass
>on *from his own experience* to new users he helps.

>

>

>Bill Young
>byoung@qni.com
>KB0UZQ

THANK YOU, Bill, for getting the point, and correcting an emotional
respsondent, who didn't. It DID take two years to make up my mind, because I
didn't see all the features in the software I needed when I first started using
it. I downloaded a copy now and then to check out it's progress. I support
shareware staunchly, and register all software I USE.

And experimentation is one of the bases for amateur radio. I EXPERIMENTED with
the wild digi path, I didn't set it up and walk away from it. I thought I made
it clear in my message, but you can always count on someone to miss the point.

Thanks again, Bill, for your level-headed view of the world.

Rich

From pceberhart@combase.com Wed Oct 02 10:04:42 1996

Received: from ns.combase.com (root@ns.combase.com [206.100.82.1]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id KAA23196 for <aprssig@tapr.org>; Wed, 2 Oct 1996
10:04:41 -0500 (CDT)

Received: from midget (160.tampa-2.fl.dial-access.att.net [199.70.221.160]) by
ns.combase.com (8.7.4/8.6.9) with ESMTP id LAA18713 for <aprssig@tapr.org>; Wed, 2
Oct 1996 11:14:14 -0400 (EDT)

Message-Id: <199610021514.LAA18713@ns.combase.com>

From: "PATRICK EBERHART" <pceberhart@combase.com>

To: <aprssig@tapr.org>

Subject: unsubscribe
Date: Wed, 2 Oct 1996 11:02:12 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

From hilman@camosun.bc.ca Wed Oct 02 10:35:08 1996
Received: from ccins.camosun.bc.ca (ccins.camosun.bc.ca [204.174.56.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA24214 for <aprssig@tapr.org>; Wed, 2
Oct 1996 10:35:06 -0500 (CDT)
Received: from hilman.cs.camosun.bc.ca by ccins.camosun.bc.ca;
(5.65v3.2/1.1.8.2/26Apr96-1024PM)
id AA14183; Wed, 2 Oct 1996 08:35:04 -0700
Date: Wed, 2 Oct 1996 08:35:04 -0700
Message-Id: <9610021535.AA14183@ccins.camosun.bc.ca>
X-Sender: hilman@ccins.camosun.bc.ca
X-Mailer: Windows Eudora Version 2.0.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: hilman@camosun.bc.ca (Don Hilman)
Subject: Re: [APRSSIG:5299] Subscribe

got this in error I presume>subscribe
>aprssig
>wd4cq@juno.com
>
>
>
-Don

From hilman@camosun.bc.ca Wed Oct 02 10:49:56 1996
Received: from ccins.camosun.bc.ca (ccins.camosun.bc.ca [204.174.56.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA24572 for <aprssig@tapr.org>; Wed, 2
Oct 1996 10:49:55 -0500 (CDT)
Received: from hilman.cs.camosun.bc.ca by ccins.camosun.bc.ca;
(5.65v3.2/1.1.8.2/26Apr96-1024PM)
id AA18414; Wed, 2 Oct 1996 08:49:53 -0700
Date: Wed, 2 Oct 1996 08:49:53 -0700
Message-Id: <9610021549.AA18414@ccins.camosun.bc.ca>
X-Sender: hilman@ccins.camosun.bc.ca
X-Mailer: Windows Eudora Version 2.0.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: hilman@camosun.bc.ca (Don Hilman)
Subject: Re: [APRSSIG:5303] unsubscribe

extra traffic

Received: from ccins.camosun.bc.ca (ccins.camosun.bc.ca [204.174.56.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA25363 for <aprssig@tapr.org>; Wed, 2 Oct 1996 11:10:47 -0500 (CDT)

Received: from hilman.cs.camosun.bc.ca by ccins.camosun.bc.ca; (5.65v3.2/1.1.8.2/26Apr96-1024PM)

id AA20028; Wed, 2 Oct 1996 09:10:44 -0700

Date: Wed, 2 Oct 1996 09:10:44 -0700

Message-Id: <9610021610.AA20028@ccins.camosun.bc.ca>

X-Sender: hilman@ccins.camosun.bc.ca

X-Mailer: Windows Eudora Version 2.0.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: hilman@camosun.bc.ca (Don Hilman)

Subject: Re: [APRSSIG:5304] Re: Subscribe

Yooou habve bounced this message to me severaltimes now ..please fix your listserv.

>got this in error I presume>subscribe

>>aprssig

>>wd4cq@juno.com

>>

>>

>>

>-Don

>

>

>

-Don

From dpendry@mail.telis.org Wed Oct 02 11:21:20 1996

Received: from homeroom.telis.org (homeroom.telis.org [204.71.75.151]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA26131 for <aprssig@tapr.org>; Wed, 2 Oct 1996 11:21:18 -0500 (CDT)

Received: from s21-pm01.sierra.campus.mci.net (s21-pm01.sierra.campus.mci.net [205.216.168.50]) by homeroom.telis.org (8.7.5/8.7.3) with SMTP id JAA01554 for <aprssig@tapr.org>; Wed, 2 Oct 1996 09:16:43 -0700 (PDT)

Date: Wed, 2 Oct 1996 09:16:43 -0700 (PDT)

Message-Id: <2.2.16.19961002091618.1ab7fbbe@mail.telis.org>

X-Sender: dpendry@mail.telis.org

X-Mailer: Windows Eudora Pro Version 2.2 (16)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Don Pendry <dpndry@mail.telis.org>

Subject: Re: [APRSSIG:5298] Setup TheNet X-1J4 and APRS

At 02:40 02/10/96 -0500, you wrote:

>Anybody setup the X1J software for APRS ?

>It seems that only LAT's/Long's can be used in beacon ?

>

>Be interested in any setup's for X1J's so that we can try it out
>here in VK. We have 13 X1J's in service.

>

>Best 73's

>Ken Morris

>VK4KWM

>

>I'm currently running X1J software as a node and would like to try it on APRS -
any info you can furnish would be greatly appreciated..73's N6AER - Don in
Joshua Tree, CA.

>

Amateur Radio Station N6AER

Don Pendry

PO Box 452

Joshua Tree, California 92252

dpendry@telis.org

From lmkeeran@rs6000.cmp.ilstu.edu Wed Oct 02 11:22:50 1996

Received: from rs6000.cmp.ilstu.edu (root@rs6000.cmp.ilstu.edu [138.87.1.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA26170 for <aprssig@tapr.org>; Wed, 2
Oct 1996 11:22:48 -0500 (CDT)

Received: from i0517009.adm.ilstu.edu by rs6000.cmp.ilstu.edu (AIX 4.1/UCB
5.64/4.03)

id AA67374; Wed, 2 Oct 1996 11:22:44 -0500

Message-Id: <v03007802ae78472d187e@[138.87.2.109]>

In-Reply-To: <v0300780eae75ac8012ee@[165.1.27.20]>

References: <324F31F5.DAE@goodnet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Wed, 2 Oct 1996 11:23:56 -0500

To: aprssig@tapr.org

From: Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>

Subject: Re: [APRSSIG:5257] APRS Documentation

>Mark Sproul said:

>

>The ENTIRE documentation for APRS can be found at

>

><http://aprs.rutgers.edu/APRS/>

The full WinAPRS documentation is at:

<ftp://aprs.rutgers.edu/pub/hamradio/aprs/WinAPRS/WinAPRSDocs.txt>

Thank you very much.

Larry

From jagrelo@cris.com Wed Oct 02 12:18:33 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA28337 for <aprssig@tapr.org>; Wed, 2 Oct 1996 12:18:30 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id NAA10930; Wed, 2 Oct 1996 13:18:22 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: <jagrelo@cris.com>

Received: from crc3.pop3.net (cnc059035.concentric.net [206.83.77.35])
by cliff.cris.com (8.7.5)
id NAA11361; Wed, 2 Oct 1996 13:18:16 -0400 (EDT)

Message-ID: <3252CF20.42AD@cris.com>

Date: Wed, 02 Oct 1996 13:22:56 -0700

From: Joe Agrelo <jagrelo@cris.com>

Reply-To: jagrelo@cris.com

Organization: Agrelo Engineering

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5306] Re: APRS Documentation

References: <v03007801ae78404e7b14@[138.87.2.109]>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Larry Keeran wrote:

>
> Mark Sproul said:
> >The ENTIRE documentation for APRS can be found at
> >
> ><http://aprs.rutgers.edu/APRS/>
> >
>
> I missed the area where it talks about where (what directory) to put either
> of the .DLLs when I am using Windows 95. I didn't see it in the WinAPRS
> documentation file included with WinAPRS. Would someone tell me:
>
> - What is the subdirectory arrangement necessary for WinAPRS?
>
> - Is folder WinAPRS the required name in the root directory?
>
> - Which system directory do the DLL's go into?
>
> - How do you know which DLL to put in?
>
> - What is the minimum RAM memory necessary?
>
> Make it simple, us Mac users are used to plug and play. Thank you in advance.

Larry,

The DLL's are for running WinAPRS on a 16 bit system like Windows 3.1,
if you are
running Win95, then you don't need the DLL's beacuse the program is 32

bit and so
is your operating sydtem.

Hope this helps you. I'm back into the wood work.

73 De Joe N200C (new address & phone effective 8/15)
XX

Agrelo Engineering
Joe Agrelo/President
P.O.Box 231 Pattersonville, NY 12137 USA
ph (518)864-7551 effective 8/15
fax (518)864-7553 " "
mailto:Jagrelo@cris.com
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.
Experts in Microchip & Motorola processors
XX

From kf4dys@juno.com Wed Oct 02 13:21:34 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA01404 for <aprssig@tapr.org>; Wed, 2
Oct 1996 13:21:28 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
id 0AB17143; Wed, 02 Oct 1996 14:18:47 EDT
To: aprssig@tapr.org
Date: Wed, 2 Oct 1996 13:08:55 PST
Subject: Re: Subscribe
Message-ID: <19961002.131125.8215.4.kf4dys@juno.com>
References: <9610021610.AA20028@ccins.camosun.bc.ca>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-1,5-9,11-31
From: kf4dys@juno.com (Joe Foor)

Hi Don;

According to the "welcome aboard" message I received, when I subscribed
to a mailing list at tapr.org, tapr uses a listproc, not a listserv. If
you address your commands to the address listproc@tapr.org you might be
able to accomplish something.

regards,
Joe

On Wed, 2 Oct 1996 11:21:26 -0500 (CDT) hilman@camosun.bc.ca (Don Hilman)
writes:
>Yooou habve bounced this message to me severaltimes now ..please fix
>your
>listserv.
>
>
>
>

>>got this in error I presume>subscribe
>>>aprssig
>>>wd4cqejuno.com
>>>
>>>
>>>
>>-Don
>>
>>
>>
>>
>-Don
>
>

From SWeigold@aol.com Wed Oct 02 13:41:25 1996
Received: from emout16.mail.aol.com (emout16.mx.aol.com [198.81.11.42]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA02099 for <aprssig@tapr.org>; Wed, 2
Oct 1996 13:41:23 -0500 (CDT)
From: SWeigold@aol.com
Received: by emout16.mail.aol.com (8.6.12/8.6.12) id OAA01908 for
aprssig@tapr.org; Wed, 2 Oct 1996 14:40:53 -0400
Date: Wed, 2 Oct 1996 14:40:53 -0400
Message-ID: <961002144052_116582207@emout16.mail.aol.com>
To: aprssig@tapr.org
Subject: APRS FAQ/Tutorial

I hope I put this post in the right place... Can someone point me in the
direction of good starter information on APRS?
Thanks for any help
73,
Steve KF8KI

From hwm@netcom.com Wed Oct 02 14:14:10 1996
Received: from mm.wd6dod.ampr.org (hwm@netcom12.netcom.com [192.100.81.124]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA03516 for <aprssig@tapr.org>; Wed, 2
Oct 1996 14:14:06 -0500 (CDT)
Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id
MAA00087 for <aprssig@tapr.org>; Wed, 2 Oct 1996 12:16:46 -0700
Date: Wed, 2 Oct 1996 12:16:46 -0700 (PDT)
From: Bob Lorenzini <hwm@netcom.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5307] Re: Subscribe
In-Reply-To: <9610021610.AA20028@ccins.camosun.bc.ca>
Message-ID: <Pine.LNX.3.95.961002121433.85A-1000000@mm.wd6dod.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 2 Oct 1996, Don Hilman wrote:

> Yoou habve bounced this message to me severaltimes now ..please fix your
> listserv.

There is nothing wrong with the listserver, it is working as designed. The problem is with the user who did not follow the instructions he was given when he subscribed.

Bob - wd6dod

From clark@tomcat.gsfc.nasa.gov Wed Oct 02 14:23:24 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA03804 for <aprssig@tapr.org>; Wed, 2 Oct 1996 14:23:21 -0500 (CDT)
Date: Wed, 02 Oct 96 19:12:43 UTC
Message-Id: <108031@tomcat.gsfc.nasa.gov>
From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
Reply-To: clark@tomcat.gsfc.nasa.gov
To: aprssig@tapr.org
Subject: More on W3IWI-13 DGPS Beacon

I have received several signal reports that the beacon is being heard for a few miles. Obviously coverage is limited by the lack of a good area digipeater on 145.79!

Bob, N30ZB says that the beacon signals work well at improving the performance he gets with his Motorola TRAXAR+ (providing, of course, that he can hear them!).

Has anyone else besides Bob & me had any luck in using the W3IWI-13 DGPS corrections?

Has anyone got a suggestion on how to improve the coverage, especially into Chesapeake Bay? (Like for WB4APR: if the old APR-1 site on the tall tower isn't available, howz about a VHF port on your stuff in the USNA lab building?)

73, Tom

From wa8inz@cris.com Wed Oct 02 14:55:21 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTTP id OAA05082 for <aprssig@tapr.org>; Wed, 2 Oct 1996 14:55:20 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id PAA12621; Wed, 2 Oct 1996 15:55:17 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc800205.concentric.net [206.173.109.205])
by cliff.cris.com (8.7.5)
id PAA09343; Wed, 2 Oct 1996 15:55:16 -0400 (EDT)
Message-ID: <3252E4B8.6545@cris.com>
Date: Wed, 02 Oct 1996 14:55:04 -0700

From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5312] APRS FAQ/Tutorial
References: <961002144052_116582207@emout16.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

SWeigold@aol.com wrote:

>
> I hope I put this post in the right place... Can someone point me in the
> direction of good starter information on APRS?
> Thanks for any help
> 73,
> Steve KF8KI

Yes right in your APRS README subdirectory, that's where all the doc files are located.

--

\\\\\\\\
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THOSE MENTOR VOLENTEERS

You can now get to the Logo page from the main menu

Also check out my WA8INZ Home page.

<http://www.concentric.net/~wa8inz>

From kf4dys@juno.com Wed Oct 02 17:04:20 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA09096 for <aprssig@tapr.org>; Wed, 2 Oct 1996 17:04:18 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail) id QAA21515; Wed, 02 Oct 1996 16:51:19 EDT
To: aprssig@tapr.org
Date: Wed, 2 Oct 1996 14:53:58 PST
Subject: where is the map?
Message-ID: <19961002.145401.4391.0.kf4dys@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-17
From: kf4dys@juno.com (Joe Foor)

Hi All;

I'm beginning to get a little frustrated and I can't believe I am the only one with this problem.

I'm looking for a particular map. I have searched through a bunch of zipped files of map collections, with no luck.

Before I start systematically searching through every map collection on the tapr site, is there a master listing of every map, with a source file identification?

What's really bad, is it is listed in most maplists, including the maplist.usa. The mapfile I am looking for, right now, is Caribbean.map.

regards,
Joe

From byoung@qni.com Wed Oct 02 17:26:26 1996
Received: from qni.com (qni.com [206.29.114.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA09880 for <aprssig@tapr.org>; Wed, 2 Oct 1996 17:26:24 -0500 (CDT)
From: byoung@qni.com
Received: from [208.130.181.1] (annex02-01.qni.com) by qni.com (5.x/SMI-SVR4) id AA06222; Wed, 2 Oct 1996 17:27:59 -0500
Date: Wed, 2 Oct 1996 17:27:58 -0500
Message-Id: <9610022227.AA06222@qni.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:5315] Re: APRS FAQ/Tutorial
To: aprssig@tapr.org
In-Reply-To: <3252E4B8.6545@cris.com>
X-Mailer: SPRY Mail Version: 04.10.06.22

On Wed, 2 Oct 1996, William Nolle <wa8inz@cris.com> wrote:

>SWeigold@aol.com wrote:

>>

>> I hope I put this post in the right place... Can someone point me in the

>> direction of good starter information on APRS?

>> Thanks for any help

>> 73,

>> Steve KF8KI

>

>Yes right in your APRS README subdirectory, that's where all the doc
>files are located.

>

>--

> \\\\\\\

> (0 0)

> *--o0-()-o0--*

> wa8inz@amsat.org

> wa8inz@cris.com

> Check out my dedicated A.P.R.S Web Page.

> THANKS TO THOSE MENTOR VOLENTEERS

>You can now get to the Logo page from the main menu

> Also check out my WA8INZ Home page.

>
> http://www.concentric.net/~wa8inz
>
>
>
Bill,

Come on Bill! Give the guy a break! He may not even *HAVE* an APRS\README subdirectory, because he may not have the software installed yet! He may be looking for info like the APRS FAQs that many people have on their WWW pages, or he may need info on how to obtain the software in the first place! A little kindness please!

Steve, if you still need information (and we haven't driven you away from the SIG yet...), please feel free to E-Mail me direct. I'll do what I can to help.

Bill Young
byoung@qni.com
KB0UZQ

From N2ZRC@gnn.com Wed Oct 02 17:38:10 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA10193 for <aprssig@tapr.org>; Wed, 2 Oct 1996 17:38:08 -0500 (CDT)
Received: from 54-161.client.gnn.com. (54-161.client.gnn.com [205.188.54.161]) by mail-e2b.gnn.com (8.7.1/8.6.9) with SMTP id SAA23638 for <aprssig@tapr.org>; Wed, 2 Oct 1996 18:37:31 -0400 (EDT)
Message-Id: <199610022237.SAA23638@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 02 Oct 1996 18:36:17
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Maps-Borders & Maps-Hierarchy

Hi All,

I upgraded to Version 7.7b when it came out and have found it to be a great improvement in many respects, particularly in the new W(eather) D(isplay) features. They ought to come in handy next time we have a skywarn net.

As Bob said, there seems to be no more room left in the APRS code to fit anything else in without giving something up. Well, I've been trying to make some maps from the 100K C-D and found, to my utter amazement, that both the M(aps)-B(orders) AND M(aps)-H(ierarchy) commands are GONE!

I was counting on using M-B to check for overlaps and gaps in my new creations. Is there a way to do this in MAPFIX27 or do I have to go back to an older version of APRS (the zips of

which I still have on tape) just to utilize these commands?

I don't know about anybody else, but I've always found the M-B command useful, especially when I get a new set of maps to check out (I've got about 2,000 of 'em so far!) Maybe we can persuade The Bob'ser to reinstate this in Version 7.8 if you also miss it.

Bob, don't get me wrong. I truly appreciate all the work you do with this baby. It's GREAT and I extol its virtues ad infinitum to all who will listen and have gotten more than a few stations to try it. I also realize that this may seem a bit like going backwards to you, but think M-B was a useful feature that I used frequently, both as a reference and a tool.

I've never used the DX-CLUSTER mode except to see what it looks like and think most people interested in it would be more likely to utilize more traditional AX.25 systems to access such a service. I know you think it's cute and want to keep it in, but you've gotten to a point where new features can't fit unless others are removed. I don't want to tell you about priorities (we all have them,) nor do I understand about the complexities of programming (my idea of which is File-Run-setup,) but I think you've removed something which many of us use and have need of.

The M-H and M-B commands, although they had differences were, in my opinion, a duplication of functions in many ways. Restoring one of them (again my opinion) would be appreciated. Please consider doing so if at all possible.

As I said, I've got the utmost admiration for Bob's work and understand it's a labor-of-love. I'm not griping. I'm just surprised to see this feature which I use so often suddenly gone and was wondering as to the reasoning why he thought it was no longer needed. 73

Arte Booten <N2ZRC@gnn.com>

(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)

[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

From lesowles@tgis.co.uk Wed Oct 02 17:38:46 1996

Received: from tgis.co.uk (root@[195.188.4.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA10232 for <aprssig@tapr.org>; Wed, 2 Oct 1996 17:38:40 -0500 (CDT)

Received: from dl03.tgis.co.uk (dl03.tgis.co.uk [195.188.4.103]) by tgis.co.uk (8.6.12/8.6.9) with SMTP id XAA25082 for <aprssig@tapr.org>; Wed, 2 Oct 1996 23:39:35 +0100

Date: Wed, 2 Oct 1996 23:39:35 +0100

Posted-Date: Wed, 2 Oct 1996 23:39:35 +0100

Message-Id: <199610022239.XAA25082@tgis.co.uk>

X-Sender: lesowles@mail.tgis.co.uk
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: lesowles@tgis.co.uk (Les Owles)
Subject: Help JavaAprs Win3.1
X-Mailer: <PC Eudora Version 1.4>

Hi,

Need some help, when running Netscape 2 under Windows 3.1 on my 486pc I visited <http://www.bridge.net/~sdime/javAPRS.htm> but instead of running the java script I received a message saying "Sorry, your browser doesn't do Java!" >From other comments on this SIG, I thought the problem was due to the version of netscape. Today I installed Netscape 3 Gold for Windows 3.1 but I still get the same message.

Is there some other software that I need to install to enable javAPRS to work or will javAPRS only work Win95 or NT ?
Thanks for any help.

--

Les Owles [G4IRJ]
lesowles@tgis.co.uk

From wb8vji@tir.com Wed Oct 02 18:37:46 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA12148 for <aprssig@tapr.org>; Wed, 2 Oct 1996 18:37:38 -0500 (CDT)
Received: from an94ow.tir.com (an94ow.tir.com [205.218.77.96]) by tir.com (8.7.5/8.7) with SMTP id TAA15096 for <aprssig@tapr.org>; Wed, 2 Oct 1996 19:31:41 -0400 (EDT)
Message-ID: <32514C4B.57CB@tir.com>
Date: Tue, 01 Oct 1996 21:52:28 +0500
From: Tom Carpenter <wb8vji@tir.com>
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5244] Re: Graying WX stations.
References: <Pine.GS0.3.95.960930005709.2575J-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> On Sun, 29 Sep 1996, Larry Miller wrote:
>
> > I still am having my station graying out. I tried to delete the old
> > config file and rebuild and I am still having the problem.
>
> APRSDos REPLY/COMMENT: Sometimes your transmitted packet may be received
> with a slight garble (such as having a "c" or "cmd" in front of it. APRS
> sees this as a NEW station with the call of cmdW3XYZ and then plots this
> garble of your station ON TOP of your station. Since this was a ONE-TIME
> garble, it will eventually fade to gray! COuld this be it?
>

> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
Bob,

When mine goes to gray I have checked and I have only one posit in my
list on only one spot on my map.....Sorry

Tom
wb8vji@tir.com

From wa8inz@cris.com Wed Oct 02 18:54:25 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA12705 for <aprssig@tapr.org>; Wed, 2
Oct 1996 18:54:24 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id TAA02323; Wed, 2 Oct 1996 19:54:22 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc801161.concentric.net [206.83.64.161])
by cliff.cris.com (8.7.5)
id TAA00600; Wed, 2 Oct 1996 19:54:20 -0400 (EDT)
Message-ID: <32531CC2.56E7@cris.com>
Date: Wed, 02 Oct 1996 18:54:10 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5317] Re: APRS FAQ/Tutorial
References: <9610022227.AA06222@qni.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

byoung@qni.com wrote:

>
> On Wed, 2 Oct 1996, William Nolle <wa8inz@cris.com> wrote:
> >SWeigold@aol.com wrote:
> >
> Bill,
>
> Come on Bill! Give the guy a break! He may not even *HAVE* an
> APRS\README subdirectory, because he may not have the software
> installed yet! He may be looking for info like the APRS FAQs that
> many people have on their WWW pages, or he may need info on how to
> obtain the software in the first place! A little kindness please!
>
> Steve, if you still need information (and we haven't driven you away
> from the SIG yet...), please feel free to E-Mail me direct. I'll do
> what I can to help.
>
> Bill Young
> byoung@qni.com

> KB0UZQ

Of course your right Bill, but for a person that has access to the net should be able to go to many of the APRS web pages and grab the information he wants if he doesn't have APRS installed yet. Like the site below in my address. Hopefully he did that.

--

\\\\\\
(0 0)
--o0-(_-)-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THOSE MENTOR VOLENTEERS

You can now get to the Logo page from the main menu

Also check out my WA8INZ Home page.

<http://www.concentric.net/~wa8inz>

From wa8inz@cris.com Wed Oct 02 19:02:01 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA12853 for <aprssig@tapr.org>; Wed, 2 Oct 1996 19:02:00 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id UAA03464; Wed, 2 Oct 1996 20:01:58 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@cris.com>

Received: from LOCALNAME (cnc801161.concentric.net [206.83.64.161])
by cliff.cris.com (8.7.5)
id UAA03228; Wed, 2 Oct 1996 20:01:56 -0400 (EDT)

Message-ID: <32531E8C.8AF@cris.com>

Date: Wed, 02 Oct 1996 19:01:48 -0700

From: William Nolle <wa8inz@cris.com>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Maps, Borders

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Yes i have noticed that the Maps Borders feayure isn't in the latest version, i figured that there was something wrong on my end but see i'm not the only one. I REALLY MISS THAT ALSO!!!!!! and sure would like to see that put back in there also. Take out some of the other useless things like the NAG screen or DX cluster that i'm sure not even 1/10 of 1 percent of the PARS users use. I could come up with a couple more but i would get blasted for those Hi.

--

\\\\\\
(0 0)

--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THOSE MENTOR VOLENTEERS

You can now get to the Logo page from the main menu

Also check out my WA8INZ Home page.

<http://www.concentric.net/~wa8inz>

From wa8inz@cris.com Wed Oct 02 19:24:08 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA13582 for <aprssig@tapr.org>; Wed, 2 Oct 1996 19:24:07 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id UAA10036; Wed, 2 Oct 1996 20:24:02 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@cris.com>

Received: from LOCALNAME (cnc801161.concentric.net [206.83.64.161])
by cliff.cris.com (8.7.5)
id UAA06018; Wed, 2 Oct 1996 20:12:47 -0400 (EDT)

Message-ID: <32532117.2DCC@cris.com>

Date: Wed, 02 Oct 1996 19:12:39 -0700

From: William Nolle <wa8inz@cris.com>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5318] Maps-Borders & Maps-Hierarchy

References: <199610022237.SAA23638@mail-e2b.gnn.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Arte Booten wrote:

>

> Hi All,

>

> I upgraded to Version 7.7b when it came out and have found
> it to be a great improvement in many respects, particularly in
> the new W(eather) D(isplay) features. They ought to come in
> handy next time we have a skywarn net.

>

> As Bob said, there seems to be no more room left in the
> APRS code to fit anything else in without giving something up.
> Well, I've been trying to make some maps from the 100K C-D and
> found, to my utter amazement, that both the M(aps)-B(orders)
> AND M(aps)-H(ierarchy) commands are GONE!

>

> I was counting on using M-B to check for overlaps and gaps
> in my new creations. Is there a way to do this in MAPFIX27 or
> do I have to go back to an older version of APRS (the zips of
> which I still have on tape) just to utilize these commands?

>
> I don't know about anybody else, but I've always found the
> M-B command useful, especially when I get a new set of maps to
> check out (I've got about 2,000 of 'em so far!) Maybe we can
> persuade The Bob'ser to reinstate this in Version 7.8 if you
> also miss it.
>
> Arte Booten <N2ZRC@gnn.com>
> (Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
> [Cruise Missile Coordinates: 40 52.69N / 073 54.06W]
>
> .. Sensors say there is nothing at those coordinates ...

Another suggestion on this if bob would put out a second version with several features removed, at least that way there wouldn't have to be all the programming invloved (I guess). But in any case I would sure like to see the Map Borders put back in, since I know for sure it's not just my machine doing it I may even go backwards to an older version to get that back. I have drawn more then 1400 maps and need that.

--

\\///
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THOSE MENTOR VOLENTEERS

You can now get to the Logo page from the main menu

Also check out my WA8INZ Home page.

<http://www.concentric.net/~wa8inz>

From jagrelo@cris.com Wed Oct 02 19:33:03 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA13991 for <aprssig@tapr.org>; Wed, 2 Oct 1996 19:33:02 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id UAA12153; Wed, 2 Oct 1996 20:33:00 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: <jagrelo@cris.com>

Received: from crc3.pop3.net (cnc059043.concentric.net [206.83.77.43])
by cliff.cris.com (8.7.5)
id UAA10905; Wed, 2 Oct 1996 20:32:56 -0400 (EDT)

Message-ID: <325334FF.3C18@cris.com>

Date: Wed, 02 Oct 1996 20:37:35 -0700

From: Joe Agrelo <jagrelo@cris.com>

Reply-To: jagrelo@cris.com

Organization: Agrelo Engineering

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5319] Help JavaAprs Win3.1
References: <199610022239.XAA25082@tgis.co.uk>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Les Owles wrote:

>
> Hi,
> Need some help, when running Netscape 2 under Windows 3.1 on my 486pc I
> visited <http://www.bridge.net/~sdime/javAPRS.htm> but instead of running the
> java script I received a message saying "Sorry, your browser doesn't do Java!"
> >From other comments on this SIG, I thought the problem was due to the
> version of netscape. Today I installed Netscape 3 Gold for Windows 3.1 but I
> still get the same message.
> Is there some other software that I need to install to enable javAPRS to
> work or will javAPRS only work Win95 or NT ?
> Thanks for any help.
> --
> Les Owles [G4IRJ]
> lesowles@tgis.co.uk

Hi Les,

In Netscape Gold go to OPTIONS/NETWORK PREFERENCES/LANGUAGES and Enable Java.

This might help if it's not checked off. I use to go watch JavAPRS with Netscape 2.1 without problems, but I was always running Win95 also.

Also, open your "Show Java console" under OPTIONS to see if there is any Java data coming in, takes a while be patient.

Hope this helps, back in the wood grain.

73 De Joe N200C (new address & phone effective 8/15)
XX

Agrelo Engineering
Joe Agrelo/President
P.O.Box 231 Pattersonville, NY 12137 USA
ph (518)864-7551 effective 8/15
fax (518)864-7553 " "
mailto:Jagrelo@cris.com
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.
Experts in Microchip & Motorola processors
XX

From John.Klingelhoefter@comsat.com Wed Oct 02 20:51:55 1996
Received: from kato.cws.comsat.com (root@kato.cws.comsat.com [134.133.176.105]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA17072 for <aprssig@tapr.org>; Wed, 2 Oct 1996 20:51:52 -0500 (CDT)

From: John.Klingelhoefffer@comsat.com
Received: from smtpgw.cws.comsat.com (misnt1.cws.comsat.com [134.133.176.130]) by kato.cws.comsat.com (8.7.5/8.7.3) with SMTP id VAA11276 for <aprssig@tapr.org>; Wed, 2 Oct 1996 21:49:27 -0400 (EDT)
Received: from ccMail by smtpgw.cws.comsat.com (IMA Internet Exchange 2.02 Enterprise) id 2531C430; Wed, 2 Oct 96 21:52:03 -0400
Mime-Version: 1.0
Date: Wed, 2 Oct 1996 17:09:31 -0400
Message-ID: <2531C430.1957@comsat.com>
Subject: Re: [APRSSIG:5314] More on W3IWI-13 DGPS Beacon
To: aprssig@tapr.org
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Tom;

I'm doing some antenna work which should be complete in the next couple of weeks. I'm (home) in a good location for that and intend to leave mine in that mode. If you want more info on the location, please give me a call.

John...
WB4LNM

```
=====
John H. Klingelhoefffer      COMSAT General Corp.      Ofc: 703-450-7020
General Manager &           45250 Severn Way          Fax: 703-450-7307
Vice-President              Sterling, VA 20166 USA   Car: 410-991-3792
                           email: John.Klingelhoefffer@comsat.com
=====
```

```
----- Reply Separator -----
Subject: [APRSSIG:5314] More on W3IWI-13 DGPS Beacon
Author:  aprssig@tapr.org at INTERNET
Date:    02/10/96 2:28 PM
```

I have received several signal reports that the beacon is being heard for a few miles. Obviously coverage is limited by the lack of a good area digipeater on 145.79!

Bob, N30ZB says that the beacon signals work well at improving the performance he gets with his Motorola TRAXAR+ (providing, of course, that he can hear them!).

Has anyone else besides Bob & me had any luck in using the W3IWI-13 DGPS corrections?

Has anyone got a suggestion on how to improve the coverage, especially into Chesapeake Bay? (Like for WB4APR: if the old APR-1 site on the tall tower isn't available, howz about a VHF port on your stuff in the USNA lab building?)

73, Tom

From bruninga@nadm.navy.mil Wed Oct 02 20:59:17 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA17407 for <aprssig@tapr.org>; Wed, 2 Oct 1996 20:59:15 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id WAA16097; Wed, 2 Oct 1996 22:04:19 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Wed, 2 Oct 1996 22:04:19 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: "Rodney G. Fowler" <k2adj@mosquito.com>
cc: aprssig@tapr.org
Subject: Re: "HELP"
In-Reply-To: <199610021851.0AA11626@itchy.mosquito.com>
Message-ID: <Pine.GS0.3.95.961002220135.13877F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 2 Oct 1996, Rodney G. Fowler wrote:

> Bob, the problem is HELP menu...
> It used to bring up a full screen menu of help but now it just returns to
> the map screen running 7.7b DOS...

APRSdos REPLY/COMMENT: The HELP screen is now a file in your APRS\SYSTEM directory. If you upgraded to 77b you should have gotten that file too.. Sounds like you only copied the new EXE...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From cap@cruzio.com Wed Oct 02 20:59:32 1996
Received: from cruzio.com (mmdf@mail.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA17426 for <aprssig@tapr.org>; Wed, 2 Oct 1996 20:59:30 -0500 (CDT)
Received: from surf127.cruzio.com by cruzio.com id aa07554; 2 Oct 96 18:54 PDT
Message-ID: <32531D11.40A4@cruzio.com>
Date: Wed, 02 Oct 1996 18:55:29 -0700
From: Cap Pennell <cap@cruzio.com>
X-Mailer: Mozilla 3.0 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5322] Maps, Borders
References: <32531E8C.8AF@cris.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Nolle wrote:

>
> Yes i have noticed that the Maps Borders feayure isn't in the latest

> version, i figured that there was something wrong on my end but see i'm
> not the only one. I REALLY MISS THAT ALSO!!!!!! and sure would like to see
> that put back in there also.

Try: M,P,B It's still there, just moved!

73. Cap

--

Cap Pennell

Santa Cruz, CA, 95062-1002 3658.92N/12200.88W

email: cap@cruzio.com

packet radio: ke6afe@kg6ee.#cca.ca.usa.noam

From bruninga@nadm.navy.mil Wed Oct 02 21:10:29 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA17983 for <aprssig@tapr.org>; Wed, 2
Oct 1996 21:10:26 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id WAA17344 for <aprssig@tapr.org>; Wed, 2 Oct 1996
22:15:31 -0400 (EDT)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Wed, 2 Oct 1996 22:15:31 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: DGPS and ANNAPOLIS WIDE!

In-Reply-To: <108031@tomcat.gsfc.nasa.gov>

Message-ID: <Pine.GS0.3.95.961002221018.13877I-1000000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 2 Oct 1996, Tom Clark -- W3IWI wrote:

> I have received several signal reports that the beacon is being heard
> for a few miles. Obviously coverage is limited by the lack of a good
> area digipeater on 145.79!
> Has anyone got a suggestion on how to improve the coverage,

APRSDOS REPLY/COMMENT: BINGO! Yesterday at 1600 the power was finally
restored to WB4APR-1 at 300 feet AGL/ASL. We now have our WIDE back!
And I am seeing a full system of 96 stations in just a few hours.

TOM, set your VIA path to DGPS VIA WIDE and from your location, you will
probably hit THREE surrounding WIDES. That should increase your radius
from about 10 miles to 50 miles for a 25 fold increase in coverage with no
increase in channel loading, since all three WIDES will probably repeat at
the same time...

Bring up APRS now, and your map should fill up! hi hi

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Wed Oct 02 21:13:27 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA18125 for <aprssig@tapr.org>; Wed, 2 Oct 1996 21:13:26 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id WAA17429 for <aprssig@tapr.org>; Wed, 2 Oct 1996 22:18:29 -0400 (EDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 2 Oct 1996 22:18:29 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5316] where is the map?

In-Reply-To: <19961002.145401.4391.0.kf4dys@juno.com>

Message-ID: <Pine.GSO.3.95.961002221645.13877J-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 2 Oct 1996, Joe Foor wrote:

> I'm looking for a particular map. I have searched through
> a bunch of zipped files of map collections, with no luck.
> What's really bad, is it is listed in most maplists,
> including the maplist.usa. The mapfile I am looking for,
> right now, is Caribbean.map.

APRSDOS REPLY/COMMENT: It should be in SEmapsxx.zip It was a long time ago in the basic APRS distribution, but no longer. If it is not in SEmaps11.zip, then pse lemme know...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadn.navy.mil Wed Oct 02 21:18:16 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA18380 for <aprssig@tapr.org>; Wed, 2 Oct 1996 21:18:14 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id WAA17555 for <aprssig@tapr.org>; Wed, 2 Oct 1996 22:23:19 -0400 (EDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 2 Oct 1996 22:23:19 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5318] Maps-Borders & Maps-Hierarchy

In-Reply-To: <199610022237.SAA23638@mail-e2b.gnn.com>

Message-ID: <Pine.GSO.3.95.961002222235.13877L-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

MAPS-BORDERS and MAPS-HEIRARCHY have been moved to the MAPS-PLOTS directory. SOrry for the slight-of-hand...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From kc5ejk@onramp.net Wed Oct 02 21:18:45 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA18450 for <aprssig@tapr.org>; Wed, 2 Oct 1996 21:18:43 -0500 (CDT)
Received: from [199.1.11.158] (dal58.onramp.net [199.1.11.158]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id VAA09660 for <aprssig@tapr.org>; Wed, 2 Oct 1996 21:18:39 -0500 (CDT)
Message-Id: <v02140b00ae78baa0913c@[199.1.11.106]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 2 Oct 1996 21:19:43 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: APRS FAQ/Tutorial

>> Can someone point me in the
>> direction of good starter information on APRS?

I have read several GOOD magazine articles about "What is APRS" over the last several years. Let see if we can do some research and collect the list and post on one of the WWW sites.

73 and QST had some but I don't remember the month.

I was thinking only last week that it is time for Bob to write a book about APRS. -- One of those books with a Free CD-ROM in Back :-)

73

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From kc5ejk@onramp.net Wed Oct 02 21:19:01 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA18470 for <aprssig@tapr.org>; Wed, 2 Oct 1996 21:18:58 -0500 (CDT)
Received: from [199.1.11.158] (dal58.onramp.net [199.1.11.158]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id VAA09710 for <aprssig@tapr.org>; Wed, 2 Oct 1996 21:18:53 -0500 (CDT)
Message-Id: <v02140b00ae78df37751c@[199.1.11.106]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 2 Oct 1996 21:19:58 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:5316] where is the map?

>>The mapfile I am looking for,
>right now, is Caribbean.map.
>

CARIBBEAN.MAP is in my PC map file May 27 1995
CARIEB_E.MAP is in the world directory on the CD-ROM

Both are low res-maps not much detail.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From gordon@ubr.com Wed Oct 02 21:21:26 1996
Received: from dns2.noc.best.net (dns2.noc.best.net [206.86.0.21]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA18541 for <aprssig@tapr.org>; Wed, 2 Oct 1996
21:21:24 -0500 (CDT)
Received: from LOCALNAME (guber.vip.best.com [206.86.19.188]) by dns2.noc.best.net
(8.6.12/8.6.5) with SMTP id TAA20280 for <aprssig@tapr.org>; Wed, 2 Oct 1996
19:18:59 -0700
Date: Wed, 2 Oct 1996 19:18:59 -0700
Message-Id: <2.2.16.19961002191859.2ef72390@best.com>
X-Sender: guber@best.com
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: "Gordon T. Uber" <gordon@ubr.com>
Subject: Re: [APRSSIG:5319] Help JavaAprs Win3.1

I believe you're right: you need Win95 or NT: i.e.,
a 32-bit operating system.

Gordon

| XII | Gordon T. Uber
| XI | 3790 El Camino Real, Suite 142
| X \ / | Palo Alto, CA 94306-3314
| IX \ / | email: gordon@ubr.com

CLOCKS and TIME: <http://wheaton.iit.edu/~clocks/clocks/clocks.html>

From ku0g@sprynet.com Wed Oct 02 21:39:20 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA19128 for <aprssig@tapr.org>; Wed, 2 Oct 1996
21:39:15 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.165.86] (ad23-086.compuserve.com [199.174.165.86]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id TAA02144 for <aprssig@tapr.org>; Wed,
2 Oct 1996 19:36:15 -0700
Date: Wed, 2 Oct 1996 19:36:15 -0700
Message-Id: <199610030236.TAA02144@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:5301] Re: Coffee pots and HSP vs SPM switches...

To: aprssig@tapr.org
In-Reply-To: <9610021320.AA25485@qni.com>
X-Mailer: SPRY Mail Version: 04.00.06.21

Your gratuitous gesticulations having been duly noted are welcome, nee appreciated. What have I done to deserve such honourous bestowment?

We gotta get together...

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From dseaburg@web-access.net Wed Oct 02 22:05:26 1996
Received: from austin.aus.sig.net (root@austin.aus.sig.net [199.1.78.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA20239 for <aprssig@tapr.org>; Wed, 2 Oct 1996 22:05:23 -0500 (CDT)
Received: from seab486dx4 (ppp137.web-access.net [205.241.59.137]) by austin.aus.sig.net (8.7.6/8.7.3) with SMTP id WAA03433 for <aprssig@tapr.org>; Wed, 2 Oct 1996 22:03:20 -0500 (CDT)
Message-ID: <32532C80.7FA8@web-access.net>
Date: Wed, 02 Oct 1996 22:01:20 -0500
From: Dale Seaburg <dseaburg@web-access.net>
X-Mailer: Mozilla 3.0b8Gold (WinNT; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5331] Re: APRS FAQ/Tutorial
References: <v02140b00ae78baa0913c@[199.1.11.106]>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Robert Winingham wrote:

>
> snip.....
>
> I was thinking only last week that it is time for Bob to write
> a book about APRS. -- One of those books with a Free CD-ROM in Back :-)
>
> 73
>
> Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

Bob, is that something like a "free lunch"? Most books I've seen with "free" CD-ROMS in the back, were anything BUT free... <G>

Dale KG5LT
dseaburg@web-access.net

From wa4mej@juno.com Wed Oct 02 23:08:29 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA22517 for <aprssig@tapr.org>; Wed, 2 Oct 1996 23:08:26 -0500 (CDT)

Received: (from wa4mej@juno.com) by x6.boston.juno.com (queueemail)
id XAA20188; Wed, 02 Oct 1996 23:50:21 EDT
To: aprssig@tapr.org
Date: Wed, 2 Oct 1996 20:43:22 PST
Subject: Re: APRS FAQ/Tutorial
Message-ID: <19961002.204325.4607.0.wa4mej@juno.com>
References: <9610022227.AA06222@qni.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-4
From: wa4mej@juno.com (john w dent)

IF YOU WILL SIND ME YOUR ADDRESS I WILL SIND YOU APRS 7.7b
73 JOHN WA4MEJ
wa4mej@juno.com
OR
wa4mej@southeast.net

From wa4ikq@nevets.oau.org Wed Oct 02 23:45:34 1996
Received: from osceola.cs.ucf.edu (osceola.cs.ucf.edu [132.170.108.35]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA24501 for <aprssig@tapr.org>; Wed, 2
Oct 1996 23:45:31 -0500 (CDT)
Received: from alfred.UUCP by osceola.cs.ucf.edu (4.1/1.34)
id AA20707; Thu, 3 Oct 96 00:45:08 EDT
Received: by alfred.oau.org (Smail-3.2 1996-Jul-4 #1)
id <m0v8fSz-0002aoC@alfred.oau.org>; Thu, 3 Oct 1996 00:32:57 -0400 (EDT)
Received: by nevets.oau.org (Smail3.1.29.1 #2)
id m0v8f0N-000QdmC; Thu, 3 Oct 96 00:03 EDT
Message-Id: <m0v8f0N-000QdmC@nevets.oau.org>
Date: Thu, 3 Oct 96 00:03 EDT
From: wa4ikq@nevets.oau.org (Geoffrey Dick)
To: aprssig@tapr.org
Subject: BOOK ABOUT APRS - ONE OF MANY

BOOK ABOUT APRS - ONE OF MANY

I found "PACKET: Speed, More Speed and Applications" 'a collection of
Advanced Packet Methods and Activities from ARRL Publications and Other
Sources'. Chapter 4 discusses APRS applications and has a good section
on interfacing GPS & Loran devices by Bob Bruninga, MacAPRS overview by
Keith & Mark Sproul. Included in the overview is a section on 'Packet
Tracker' and Meteor Scatter Experiments.

Geoffrey Dick
Winter Park
wa4ikq@nevets.oau.org

=====
> Date: Wed, 2 Oct 1996 21:34:31 -0500 (CDT)
> From: alfred!ucf-cs!onramp.net!kc5ejk (Robert Winingham)
> To: aprssig@tapr.org
> Subject: [APRSSIG:5331] Re: APRS FAQ/Tutorial
>
> >> Can someone point me in the

> >> direction of good starter information on APRS?
>
> I have read several GOOD magazine articles about "What is APRS" over the
> last several years. Let see if we can do some research and
> collect the list and post on one of the WWW sites.
>
> 73 and QST had some but I don't remember the month.
>
> I was thinking only last week that it is time for Bob to write
> a book about APRS. -- One of those books with a Free CD-ROM in Back :-)
>
> 73
>
> Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---
>
>
>

From kf4dys@juno.com Thu Oct 03 02:41:30 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA03827 for <aprssig@tapr.org>; Thu, 3
Oct 1996 02:41:28 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
id CAA24101; Thu, 03 Oct 1996 02:52:07 EDT
To: aprssig@tapr.org
Date: Wed, 2 Oct 1996 22:43:18 PST
Subject: Re: where is the map?
Message-ID: <19961002.224736.8119.3.kf4dys@juno.com>
References: <Pine.GS0.3.95.961002221645.13877J-100000@arctic>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-14,16-21
From: kf4dys@juno.com (Joe Foor)

On Wed, 2 Oct 1996 21:28:30 -0500 (CDT) Bob Bruninga
<bruninga@nadn.navy.mil> writes:
>
> APRSdos REPLY/COMMENT: It should be in SEmapsxx.zip It was a long
> time
> ago in the basic APRS distribution, but no longer. If it is not in
> SEmaps11.zip, then please let me know...
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
>
>
Thanks Bob;

I went through the SEmaps, a couple of weeks ago, when I first started
looking. I suppose I might have been looking at the wrong version.

The problem is solved, as someone sent me the map by e-mail.

Regards,
Joe

From N2ZRC@gnn.com Thu Oct 03 05:12:31 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA06492 for <aprssig@tapr.org>; Thu, 3 Oct 1996 05:12:30 -0500 (CDT)
Received: from 52-89.client.gnn.com. (52-89.client.gnn.com [205.188.52.89]) by mail-e2b.gnn.com (8.7.1/8.6.9) with SMTP id GAA15142 for <aprssig@tapr.org>; Thu, 3 Oct 1996 06:11:54 -0400 (EDT)
Message-Id: <199610031011.GAA15142@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 03 Oct 1996 06:11:03
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Maps-Borders RETRACTION!

Hi All,

In my previous posting I was a bit upset about what I thought was our loss of the M(aps)-(B)orders and (M)aps-(H)ierarchy functions. I suppose this just goes to show that we should ALL, even the most experienced of us (which I am most certainly NOT!,,) READ THE DOCS every now and then before we insert our podiatric appendages into our oral orifices. Of this I must shamefully admit my guilt.

It seems these features have now been moved to the (M)aps-(P)lot submenu, there to be found as (B)orders, as before, and (O)verlap, which seems identical to the former (H)ierarchy. My sincerest apologies to Bob B. and all those on the SIG. That popping sound you just heard was the sound of my foot being extracted from my mouth when I should have known better and READ THE DOCS!!! 73

Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

From ronald.armstrong@sympatico.ca Thu Oct 03 07:44:36 1996
Received: from smtp1.sympatico.ca ([204.101.251.52]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA09266 for <aprssig@tapr.org>; Thu, 3 Oct 1996 07:44:33 -0500 (CDT)
Received: from RONALDA (ppp629.qc.sympatico.ca [206.172.240.53]) by smtp1.sympatico.ca (SMI-8.6/8.6.6) with SMTP id IAA23643 for <aprssig@tapr.org>; Thu, 3 Oct 1996 08:43:51 -0400
Message-ID: <3253DEF6.51E5@sympatico.ca>
Date: Thu, 03 Oct 1996 08:42:46 -0700
From: Ronald Armstrong <ronald.armstrong@sympatico.ca>

X-Mailer: Mozilla 2.02E-SYMPA (Win95; I; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: N7LUE
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone know where I can reach Robert Swain N7LUE, I am looking for him, I badly need to get from him the interface for connecting my DF to APRS. Ron VE2JOR

From SWeigold@aol.com Thu Oct 03 08:08:55 1996
Received: from emout13.mail.aol.com (emout13.mx.aol.com [198.81.11.39]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA09919 for <aprssig@tapr.org>; Thu, 3 Oct 1996 08:08:53 -0500 (CDT)
From: SWeigold@aol.com
Received: by emout13.mail.aol.com (8.6.12/8.6.12) id JAA03179 for aprssig@tapr.org; Thu, 3 Oct 1996 09:08:22 -0400
Date: Thu, 3 Oct 1996 09:08:22 -0400
Message-ID: <961003090821_323831602@emout13.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5317] Re: APRS FAQ/Tutorial

In a message dated 96-10-02 19:07:36 EDT, you write:

> Come on Bill! Give the guy a break! He may not even *HAVE* an
> APRS\README subdirectory, because he may not have the software
> installed yet! He may be looking for info like the APRS FAQs that
> many people have on their WWW pages, or he may need info on how to
> obtain the software in the first place! A little kindness please!
>
> Steve, if you still need information (and we haven't driven you away
> from the SIG yet...), please feel free to E-Mail me direct. I'll do
> what I can to help.
>
> Bill Young
> byoung@qni.com
> KB0UZQ

Bill,
You were nicer to him than I was... I sent him a nasty email... I am an Advanced Class who goes out of my way to help new commers (elmered 10 so far!) and I tend to get a little pissed about stuff like that. Anyway, basically thinking about getting into APRS but I know little more than what APRS stands for. Any help you can give will be appreciated.
73
Steve KF8KI

From SWeigold@aol.com Thu Oct 03 08:09:00 1996
Received: from emout09.mail.aol.com (emout09.mx.aol.com [198.81.11.24]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA09938 for <aprssig@tapr.org>; Thu, 3 Oct 1996 08:08:59 -0500 (CDT)
From: SWeigold@aol.com

Received: by emout09.mail.aol.com (8.6.12/8.6.12) id JAA05490 for
aprssig@tapr.org; Thu, 3 Oct 1996 09:08:27 -0400
Date: Thu, 3 Oct 1996 09:08:27 -0400
Message-ID: <961003090820_323831563@emout09.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5315] Re: APRS FAQ/Tutorial

In a message dated 96-10-02 17:04:08 EDT, you write:

> Yes right in your APRS README subdirectory, that's where all the doc
> files are located.
>

Thanks smartass.. I don't have an APRS README subdirectory... I don't even
have a APRS directory as I don't have any APRS software.

Steve

From barrettd@crpl.cedar-rapids.lib.ia.us Thu Oct 03 08:25:19 1996
Received: from CRPL.CEDAR-RAPIDS.LIB.IA.US (crpl.cedar-rapids.lib.ia.us
[198.134.138.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA10371 for
<aprssig@tapr.org>; Thu, 3 Oct 1996 08:25:17 -0500 (CDT)
Received: from ppp-101.cedar-rapids.lib.ia.us by CRPL.CEDAR-RAPIDS.LIB.IA.US with
SMTP;
Thu, 3 Oct 1996 8:25:46 -0500 (CDT)
Received: by ppp-101.cedar-rapids.lib.ia.us with Microsoft Mail
id <01BBB104.CA1A7E20@ppp-101.cedar-rapids.lib.ia.us>; Thu, 3 Oct 1996
08:28:01 -0500
Message-ID: <01BBB104.CA1A7E20@ppp-101.cedar-rapids.lib.ia.us>
From: "David E. Barrett" <barrettd@crpl.cedar-rapids.lib.ia.us>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:5319] Help JavaAprs Win3.1
Date: Thu, 3 Oct 1996 08:25:13 -0500
Encoding: 20 TEXT, 39 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

Les Owles
Wednesday, October 02, 1996 6:00 PM
aprssig@tapr.org
[APRSSIG:5319] Help JavaAprs Win3.1

Hi,

Today I installed Netscape 3 Gold for Windows 3.1 but I
still get the same message.

Is there some other software that I need to install to enable javAPRS to
work or will javAPRS only work Win95 or NT ?

Thanks for any help.

--

Les Owles [G4IRJ]
lesowles@tgis.co.uk

The only Netscape that supports Java and Java Script in a windows enviornment is Netscape 3.0 and up for Windows 95 or Windows NT. Java Script is supported on Windows 3.1 and 3.11 but not JAVA.

```
begin 600 WINMAIL.DAT
M>)\^(@$-`0:0" `$$`~~~~~!`$`0>0!@`(``Y 0`~~~~~#H`$(@ <`
M& ``$E032Y-:6-R;W-09G0@36%I;"Y.;W1E`#$(`0V ! ``~~~~~@`"``$ $
MD 8`# $`$$`$,~~~~~P`, (``~+`~\`~~~~~(!_P!~~~~~P`~~~~~
M`"!*Q^DOJ,0&9UN`-T!#U0"~~~~~&%P<G-S:6= =&%P<BY0<F<`4TU44 !A
M<')S<VEG0'1A<'(N;W)G`~~>` (P`0`~~~4`~~~!33510`~~~~~!X`S !~~~~
M$0`~&%P<G-S:6= =&%P<BY0<F<`~~~~~P`5# $`~~~#`/X/!@`~~~!X`3 !
M`~~~$P`~~~"=A<')S<VEG0'1A<'(N;W)G)P`~~~@ $+, $`~~~6`~~~4TU44#I!
M4%)34TE'0%1!4%(N3U)'~~~~~P`.0`~~~~~+$ Z`0`~~~(!]@!~~~~~! ``
M`~~~~~(1+@$ $@ $ * ``~%)%.B!;05!24U-)1SHU,$$Y72!(96QP($IA=F%!
M<')S(=%I;C,N,0"/"P$%@ ,`#@`~~~P`"@"#`~@`&0`-`0`$@$!((`#`X`
M`#,!PH`P`(`!4$`$`$!$!`0F`0`A`~~~~~0T$P,$-&.3<R,#%$1# Q,3E#
M,T$P,#(P048T1# ,U1C(`&P<!'Y &$0$`~~~4`~~~~~P`C`~~~~~#`"8`~~~~~
M`L`*0`~~~~~P`N`~~~~~#`#8`~~~~~$`.0! UBI/+K&[`1X`<`!`~~~~
M* ``~%)%.B!;05!24U-)1SHU,$$Y72!(96QP($IA=F%!<')S(=%I;C,N,0`"
M`7$`0`~~~!8`~~~!N[$N3R27SP#-`2 1T)PZ`""0337R`~~~>`!X`,`0`~~~~,`
M`!-4P`~~~@`?# $`~~~~~:~~~~~5VEN9&]W<R]B87)R971T9"]B87)R971T9 ``
M`,`!A#!^ &4`P`'$+T!`~~~>`@`0`~~~&4`~~~! ,15-/5TQ%4U=%1$Y%4T1!
M62Q/0U1/0D52,#(L,3DY-C8Z,#!034%04E-324= 5$%04D]21T%04E-324<Z
M-3,Q.4A%3%!*059!05!24U=)3C,Q2$DL5$]$05E)24Y35$%,3$5$`~~~~~(!
M`1 !`~~~~~IP(``*,``~"!! ``3%I&=14MC>7_`H!#P(5`J0#Y 7K`H`,`4!,#
M5 (`8V@*P'-E=.XR!@`&PP*# ,@/&!Q,"@R(S#WIH96P#($1LRF<"@S03#V8U
M`\4`"AP<G$2(G-T96U=`H!]"H (SPG9.QD_,CPU-0* "H$-L0M@;F=X,3 S
M%" +`A+R# %C#0! ( J%"HML:3$X@C "T6DM,30T#?#G#- @`PM9,38*H -@
M&! F8P5!`9$@3 >13W>N; >0"H8B,E<)@&X'D#!D87DL(J A\&]B$020(# R
M)% Q.3D0-B V.A^@(%!-C2,*81>0!!!I9T !D!47D"X%L&<C"EM!4 !24U-)
M1SHU,Q$E,%T@2!4`<`!*<&%V84$FP2.P"X SS"XQ`B`?,S,V(*<5PF,,`2&F
M2&DL"H4N,E3C!` D,"!)( N & ``0#4BT&0`L70$\" :P92#X,R!`!0 0@ (0
M!< J01AD;W<$(`IQ(&)UOP5 +N *A1@`Q`#(&<2`*P@=!3P,F!A!X @!X`K
M,U RT"X*A4D$($,1&4!_,F #<# 0(< TT341`8!W]PK ,! S&$QPB/P+W$D
MD)\N]C<2"? !H"+0(&HIP-<H@C<2"H5W!;!K-6 Y<7<RDCAV`B!L+L YDRI!
M.4(U.=).5" _'A94^1' ;FL$(#`B`' NP!3Q<G T%BTM"H4B=RA@1^ T25)*
M70J$(M$Q("LBT2<@9P0`+@6@+G7^:RJN'1\T#51.0(OIS9C\`-U<` 8X00@
M*; (J<?LO@$734P4$"X FH#H!,03Y"?!V:06P!X ", "[P!Z+] +\8N"G9&(D50
M,)L[M#F#F_3P0+D9<!"!%12]Q`B PVV]&(BIQ,8,*A6XAP"F@0?A602XL/R'$
M*Q\@IQUU"U&-&&$`54 ``P`0$`~~~~~#`!$0`0`~~~$`!S"@BX7!+;&[`4`
H"#"@BX7!+;&[`1X`/0`!`~~~~~!0`~~~%)%.B`~~~~~P`--/TW`~#0'[&[
`
end
```

From bruninga@nadn.navy.mil Thu Oct 03 08:27:19 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA10395 for <aprssig@tapr.org>; Thu, 3 Oct 1996 08:27:17 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id JAA20487 for <aprssig@tapr.org>; Thu, 3 Oct 1996 09:32:22 -0400 (EDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Thu, 3 Oct 1996 09:32:22 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5331] Re: APRS FAQ/Tutorial
In-Reply-To: <v02140b00ae78baa0913c@[199.1.11.106]>
Message-ID: <Pine.GS0.3.95.961003093005.20102A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 2 Oct 1996, Robert Winingham wrote:

> I have read several GOOD magazine articles about "What is APRS" over the
> last several years. Let see if we can collect a list...

***** Its in there. See HISTORY.TXT. Maybe I should rename the file
to be ARTICLES.txt Good idea.... Done...

> I was thinking only last week that it is time for Bob to write
> a book about APRS. -- One of those books with a Free CD-ROM in Back :-)

APRSDos REPLY/COMMENT: Its being done by Stan Horzpa...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From sproul@ap.org Thu Oct 03 08:41:53 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id IAA11890 for <aprssig@tapr.org>; Thu, 3 Oct 1996 08:41:52 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id JAA29515; Thu, 3 Oct 1996 09:36:35 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007802ae796daad681@[165.1.27.20]>
In-Reply-To: <3252CF20.42AD@cris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 3 Oct 1996 09:24:40 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5310] Re: APRS Documentation

>Larry Keeran wrote:

>>

>> Mark Sproul said:

>> >The ENTIRE documentation for APRS can be found at

>> >

>> ><http://aprs.rutgers.edu/APRS/>

>> >

>>

>> I missed the area where it talks about where (what directory) to put either
>> of the .DLLs when I am using Windows 95. I didn't see it in the WinAPRS
>> documentation file included with WinAPRS. Would someone tell me:

```

>>
>> - What is the subdirectory arrangement necessary for WinAPRS?
>>
>> - Is folder WinAPRS the required name in the root directory?
>>
>> - Which system directory do the DLL's go into?
>>
>> - How do you know which DLL to put in?
>>
>> - What is the minimum RAM memory necessary?
>>
>> Make it simple, us Mac users are used to plug and play. Thank you in
>>advance.
>
>Larry,
>
>The DLL's are for running WinAPRS on a 16 bit system like Windows 3.1,
>if you are
>running Win95, then you don't need the DLL's beacuase the program is 32
>bit and so
>is your operating sydtem.
>
>Hope this helps you. I'm back into the wood work.
>

```

WRONG WRONG WRONG

First, the ENTIRE directory structure IS in the documentation
<http://aprs.rutgers.edu/APRS/WAPRSDOC.HTM>
 Look at the installation section

Second, there are 3 DLLs, the docs say you need all 3 of them, this is to make life easier. Win95 needs one, Win 3.1 needs the other 2, so what Joe said is incorrect.

```

>> - Is folder WinAPRS the required name in the root directory?

```

No, you can name it anything you want

```

>> - Which system directory do the DLL's go into?

```

The DLLs (all 3 of them) go in the SAME directory as WinAPRS.exe

```

>> - How do you know which DLL to put in?

```

Put all 3 in there and dont worry about it

```

>> - What is the minimum RAM memory necessary?

```

From the docs

WinAPRS has been tested on a 386 running Windows95 and while slow,

worked just fine. A 486 of at least 33MHz and 8 meg of Ram running either Windows95 or WindowsNT is recommended.

It will work and has been tested on a 4 meg Win 3.1 machine

Mark

| | |
|---------------------------------|-----------------------|
| Mark Sproul | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press | |
| sproul@ap.org | Work: 609-860-7120 |
| North Brunswick, NJ | Fax: 609-860-7129 |
| http://msproul.rutgers.edu/ | |

From sproul@ap.org Thu Oct 03 08:41:56 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA11909 for <aprssig@tapr.org>; Thu, 3 Oct 1996 08:41:54 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id JAA29528; Thu, 3 Oct 1996 09:36:38 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007805ae7970166836@[165.1.27.20]>
In-Reply-To: <32531CC2.56E7@cris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 3 Oct 1996 09:29:44 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5321] Re: APRS FAQ/Tutorial

>byoung@qni.com wrote:

>>

>> On Wed, 2 Oct 1996, William Nolle <wa8inz@cris.com> wrote:

>> >SWeigold@aol.com wrote:

>> >

>> Bill,

>>

>> Come on Bill! Give the guy a break! He may not even *HAVE* an
>> APRS\README subdirectory, because he may not have the software
>> installed yet! He may be looking for info like the APRS FAQs that
>> many people have on their WWW pages, or he may need info on how to
>> obtain the software in the first place! A little kindness please!

>>

>> Steve, if you still need information (and we haven't driven you away
>> from the SIG yet...), please feel free to E-Mail me direct. I'll do
>> what I can to help.

>>

>> Bill Young

>> byoung@qni.com

>> KB0UZQ

>

>Of course your right Bill, but for a person that has access to the net
>should be able to go to many of the APRS web pages and grab the
>information he wants if he doesn't have APRS installed yet. Like the site
>below in my address. Hopefully he did that.
>

The ENTIRE APRS read me files are no on-line via any Web browser at

<http://aprs.rutgers.edu/APRS/>

| | |
|---|-----------------------|
| Mark Sproul | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press | |
| sproul@ap.org | Work: 609-860-7120 |
| North Brunswick, NJ | Fax: 609-860-7129 |
| http://msproul.rutgers.edu/ | |

From jagrelo@cris.com Thu Oct 03 08:47:36 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA12645 for <aprssig@tapr.org>; Thu, 3
Oct 1996 08:47:35 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id JAA29077; Thu, 3 Oct 1996 09:47:33 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@cris.com>
Received: from crc3.pop3.net (cnc059043.concentric.net [206.83.77.43])
by cliff.cris.com (8.7.5)
id JAA00758; Thu, 3 Oct 1996 09:47:31 -0400 (EDT)
Message-ID: <3253EF3B.573B@cris.com>
Date: Thu, 03 Oct 1996 09:52:11 -0700
From: Joe Agrelo <jagrelo@cris.com>
Reply-To: jagrelo@cris.com
Organization: Agrelo Engineering
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5340] N7LUE
References: <3253DEF6.51E5@sympatico.ca>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ronald Armstrong wrote:

>
> Does anyone know where I can reach Robert Swain N7LUE,I am looking for
> him ,I badly need to get from him the interface for connecting my DF to
> APRS. Ron VE2JOR

Hi Ronald,

Robert Swain's email address is rswain@prodigy.com, but he may be out of

the
country for several months. Is there anything I can help you with;-)

Also, I think he is out of the interface boards with no intent to
replenish
them since the DFjr, but better to ask him to be sure.

73 De Joe N200C (new address & phone effective 8/15)
XX

Agrelo Engineering
Joe Agrelo/President
P.O.Box 231 Pattersonville, NY 12137 USA
ph (518)864-7551 effective 8/15
fax (518)864-7553 " "
mailto:Jagrelo@cris.com
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.
Experts in Microchip & Motorola processors
XX

From sproul@ap.org Thu Oct 03 09:11:53 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id JAA13416 for <aprssig@tapr.org>; Thu, 3 Oct 1996 09:11:52 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id KAA00274; Thu, 3 Oct 1996 10:06:36 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007801ae796d01ae4ee@[165.1.27.20]>
In-Reply-To: <v03007802ae78472d187e@[138.87.2.109]>
References: <v0300780eae75ac8012ee@[165.1.27.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 3 Oct 1996 09:40:37 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5309] Re: APRS Documentation

>>Mark Sproul said:
>>
>>The ENTIRE documentation for APRS can be found at
>>
>><http://aprs.rutgers.edu/APRS/>
>
>The full WinAPRS documentation is at:
>
><ftp://aprs.rutgers.edu/pub/hamradio/aprs/WinAPRS/WinAPRSDocs.txt>
>
>Thank you very much.
>
>Larry

You are both correct and incorrect, this is the TEXT ONLY version of the
WinAPRS documentation, the more up-to-date version with graphics is

<http://aprs.rutgers.edu/APRS/WAPRSdoc.htm>

| | |
|---|-----------------------|
| Mark Sproul | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press | |
| sproul@ap.org | Work: 609-860-7120 |
| North Brunswick, NJ | Fax: 609-860-7129 |
| http://msproul.rutgers.edu/ | |

From wa4dsy@wa4dsy.radio.org Thu Oct 03 09:44:47 1996
Received: from wa4mei.radio.org (wa4mei.radio.org [206.28.192.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA14594 for <aprssig@tapr.org>; Thu, 3 Oct 1996 09:44:45 -0500 (CDT)
Received: by wa4mei.radio.org (/=\=/\ Smail3.1.28.1 #28.8) id <m0v8p0z-0001JUC@wa4mei.radio.org>; Thu, 3 Oct 96 10:44 EDT
Message-Id: <m0v8p0z-0001JUC@wa4mei.radio.org>
Date: Thu, 03 Oct 96 10:44:40 edt
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: Re: [APRSSIG:5333] Re: Help JavaAprs Win3.1

On Wed, 2 Oct 1996 21:40:33 -0500 (CDT) you wrote:

>I believe you're right: you need Win95 or NT: i.e.,
>a 32-bit operating system.

Actually, an operating system which can handle long file names is required which has nothing to do with "32-bit". Java file names are all "long" ie: javaprns.class .
Some Java friendly Operating systems are Mac OS, OS/2, Linux, Windows NT and Windows 95.

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org
e-mail - daheath@ibm.net (in case the first one doesn't work)
Web page - <http://www.wa4dsy.radio.org>
This message brought to you by OS/2 Warp 4.0.

From wd5ivd@tapr.org Thu Oct 03 10:01:32 1996
Received: (from wd5ivd@localhost) by tapr.org (8.7.5/8.7.3/1.9) id KAA15057; Thu, 3 Oct 1996 10:01:19 -0500 (CDT)
From: Greg Jones <wd5ivd@tapr.org>
Message-Id: <199610031501.KAA15057@tapr.org>
Subject: TAPR Office to reduce to minimum operations
To: tapr-bb@tapr.org (TAPR-BB mailing), tapr-board@tapr.org (TAPR Board), netsig@tapr.org (NETSIG mailing), bbssig@tapr.org (BBS SIG mailing),

hfsig@tapr.org (HF SIG mailing), dsp-93@tapr.org (DSP-93 Build),
aprssig@tapr.org (BBS SIG mailing), tapr-sys@tapr.org,
amsat-bb@amsat.org (AMSAT BB Mail Group)

Date: Thu, 3 Oct 1996 10:01:18 -0500 (CDT)

X-Mailer: ELM [version 2.4 PL25]

Content-Type: text

TAPR Office to reduce to minimum operations

Oct 3, 1996

The TAPR Office will shutdown to minimum operations starting October 8th and running at least until October 28th.

This means that Dorothy will not be working the office phones during this period. The office will continue to operate, but at a much reduced level. E-mail, US mail, Voice Mail, etc will still be received and recorded, but everything will be processed at a very much slower rate during this period.

GPS-20 units have begun to ship. As of this e-mail, approximately 40 units have shipped. We are awaiting additional pins for the connector (suppose to arrive Oct 11th) in order to complete the remainder of the units. These pins replace the ones that were incorrect in the shipment we received. Once the pins arrive, we will get the other units out as soon as possible.

The Motorola EVM56002 have been placed on order and are expected to arrive sometime after Oct 21st. They will then be shipped out as time permits under the operational schedule at the office. There are something like 60 of the 200 units still available in this purchase at the \$85 + \$10 s/h price. Check the TAPR Web page for full details www.tapr.org. First come basis on these units.

TAPR is sorry for any delays that the reduced operations schedule at the office might cause. If everything turns out positive, the office should be back operational towards the end of October.

Cheers - Greg Jones, WD5IVD
President, TAPR

(wd5ivd@tapr.org)

From wa8inz@cris.com Thu Oct 03 10:41:07 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA17066 for <aprssig@tapr.org>; Thu, 3 Oct 1996 10:41:06 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id LAA19213; Thu, 3 Oct 1996 11:41:04 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@cris.com>

Received: from LOCALNAME (cnc801204.concentric.net [206.83.64.204])
by cliff.cris.com (8.7.5)

id LAA18650; Thu, 3 Oct 1996 11:41:02 -0400 (EDT)
Message-ID: <3253FAA3.2CEF@cris.com>
Date: Thu, 03 Oct 1996 10:40:51 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5340] N7LUE
References: <3253DEF6.51E5@sympatico.ca>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ronald Armstrong wrote:

>
> Does anyone know where I can reach Robert Swain N7LUE,I am looking for
> him ,I badly need to get from him the interface for connecting my DF to
> APRS. Ron VE2JOR

Right off hand i can't tell you but i know there's a direction finding
page on the web that covers his DF stuff. I think there's a link to it on
my WA8INZ page just below the Agrelo link. If you still can't find it let
me know and i will track it down!.

--

\\\\\\\\
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THOSE MENTOR VOLUNTEERS

You can now get to the Logo page from the main menu

Also check out my WA8INZ Home page.

<http://www.concentric.net/~wa8inz>

From wa8inz@cris.com Thu Oct 03 10:43:55 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA17239 for <aprssig@tapr.org>; Thu, 3
Oct 1996 10:43:53 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id LAA19541; Thu, 3 Oct 1996 11:43:50 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc801204.concentric.net [206.83.64.204])
by cliff.cris.com (8.7.5)
id LAA19074; Thu, 3 Oct 1996 11:43:48 -0400 (EDT)
Message-ID: <3253FB4B.31B9@cris.com>
Date: Thu, 03 Oct 1996 10:43:39 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5341] Re: APRS FAQ/Tutorial
References: <961003090821_323831602@emout13.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

SWeigold@aol.com wrote:

>
> In a message dated 96-10-02 19:07:36 EDT, you write:
>
> > Come on Bill! Give the guy a break! He may not even *HAVE* an
> > APRS\README subdirectory, because he may not have the software
> > installed yet! He may be looking for info like the APRS FAQs that
> > many people have on their WWW pages, or he may need info on how to
> > obtain the software in the first place! A little kindness please!
> >
> > Steve, if you still need information (and we haven't driven you away
> > from the SIG yet...), please feel free to E-Mail me direct. I'll do
> > what I can to help.
> >
> > Bill Young
> > byoung@qni.com
> > KB0UZQ
>
> Bill,
> You were nicer to him than I was... I sent him a nasty email... I am an
> Advanced Class who goes out of my way to help new commers (elmered 10 so
> far!) and I tend to get a little pissed about stuff like that. Anyway,
> basically thinking about getting into APRS but I know little more than what
> APRS stands for. Any help you can give will be appreciated.
> 73
> Steve KF8KI

Yes Steve it did get me upset just a little about a guy that would rather
have someone else do his leg work for him Hi. Well anytime you need some help
let me know and i will sure give it a try Hi.

--

\\///
(0 0)
--o0-(_-)o0--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THOSE MENTOR VOLUNTEERS

You can now get to the Logo page from the main menu

Also check out my WA8INZ Home page.

<http://www.concentric.net/~wa8inz>

From cheisler@cyberia.com Thu Oct 03 10:46:13 1996

Received: from cyberia.com (cyberia.com [205.160.224.234]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA17277 for <aprssig@tapr.org>; Thu, 3 Oct 1996

10:46:11 -0500 (CDT)
Received: from sl18.cyberia.com by cyberia.com
with SMTP (IPAD 1.4b) id 3423200 ; Thu, 03 Oct 96 11:45:36 EST
Message-Id: <2.2.16.19961003154608.24ffb2ec@cyberia.com>
X-Sender: cheisler@cyberia.com
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 03 Oct 1996 11:46:08 -0400
To: aprssig@tapr.org
From: "Charles E. Heisler" <cheisler@cyberia.com>
Subject: RS232 level converter

Hi APRSSIGS

Can some one point me toward a simple to build (or buy)
RS232 level comverter? I want to interface my GPS-20 engine to
A old computer that will not drive from the <5 volt serial data
from the GPS-20.

Thanks for any help!!
Please respond to:
cheisler@cyberia.com
As I am temp. off of the SIG.
de Charlie K3VDB

From w2g3zfej@unix.asb.com Thu Oct 03 10:57:22 1996
Received: from unix.asb.com (root@unix.asb.com [165.254.128.4]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA17896 for <aprssig@tapr.org>; Thu, 3 Oct 1996
10:57:20 -0500 (CDT)
Received: from asb17 (sls7.asb.com [165.254.128.17]) by unix.asb.com
(8.6.12/8.6.9) with SMTP id LAA14558 for <aprssig@tapr.org>; Thu, 3 Oct 1996
11:57:34 -0400
Date: Thu, 3 Oct 1996 11:57:34 -0400
Message-Id: <199610031557.LAA14558@unix.asb.com>
X-Sender: w2g3zfej@unix.asb.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: bob <w2g3zfej@unix.asb.com>
Subject: Magnavox MX4200, anyone want one?

Hi Folks

I have an MX4200 for disposal. Includes simple RS422<->RS232 interface, full
docs, 4200.exe control program etc. Works fine, ideal for standalone
tracker (I use one in the car). Ideally needs an amplified antenna, but lock
usually obtained on a passive antenna. I typically use the Garmin
amplified antenna with my MX4200's but have also used a generic amplified
antenna, the Paccom one *should* work as well. Operates upto 80,000 ft and
1000knots, no 99knot limit like the Garmins! Will also supply unlimited
EMail help to get it going with APRS!

If interested let me know by DIRECT Email please NOT via the SIG!

73 de bob w2/g3zjfj

w2g3zjfj@unix.asb.com

PS For those who don't know what an MX4200 is, its a small plastic box (about 6" x 4"x1.5") with three leds on the front for status info. Has two RS422 ports, one for control and one for rtcm104 input (DGPS) also has a NMEA port as well. Outputs GGA, VTG and GLL sentences plus lots of other info on satellite status etc if needed. Fully programmable for output rate, sentences etc. The 4200.exe program enables you to easily change all this. Battery back up. 12-24v input. Type 'F' antenna input, 25pin D type for data. Once you've programmed it you only need to turn it on.

From clark@tomcat.gsfc.nasa.gov Thu Oct 03 12:03:48 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA21025 for <aprssig@tapr.org>; Thu, 3 Oct 1996 12:03:45 -0500 (CDT)
Date: Thu, 03 Oct 96 16:45:17 UTC
Message-Id: <113152@tomcat.gsfc.nasa.gov>
From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
Reply-To: clark@tomcat.gsfc.nasa.gov
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5328] DGPS and ANNAPOLIS WIDE!

Bob -- thanks for telling me that the Balto/Wash area now is again WIDE!
I just stopped by W3IWI-13 and changed the UNPROTO route accordingly.

All -- Now that the W3IWI-13 DGPS beacon has better coverage bouncing thru whatever WIDEs it can hit, I am really anxious to get reports from folks in the MD/DC/VA/DE/PA/SNJ area on your ability to use the DGPS corrections I'm broadcasting. In case you missed the earlier postings, W3IWI-13 is sending DGPS beacons addressed to DGPS via WIDE with a beacon sent every 20 seconds. The data is generated in some professional equipment and the DGPS correction quality should be >>BETTER<< than those sent by the Coast Guard on ~300 kHz or by commercial firms like DCI on FM broadcast subcarriers. With these corrections poked into your GPS receiver, you should obtain 1-10 meter accuracy within about 50 miles of the beacon site (Greenbelt MD) and should see improvements out to the 100-200 mile range. The DGPS beacons should virtually eliminate effects of Selective Availability and GPS broadcast ephemeris errors, and will minimize errors due to signal propagation thru the ionosphere and troposphere.

To use them, you need to make sure there is some data path from your TNC's data output into your GPS rcvr's input. This can be a direct TNC->GPS connection, or Bob has hooks in APRS to handle it for you. You may need to enable DGPS data on your GPS receiver; for example, in the Garmin 38/40/45 you need to go to the INTERFACES menu item, and select either NMEA/RTCM or NONE/RTCM. For most receivers, your TNC needs to be set to 4800 baud async

data rate to make things work.

So please, send me (or post here) news on how the DGPS corrections are working for you! So far, apparently only a couple of us are using the correction signals.

73, Tom

From sproul@ap.org Thu Oct 03 13:28:11 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA23605 for <aprssig@tapr.org>; Thu, 3 Oct 1996 13:28:09 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id OAA06846; Thu, 3 Oct 1996 14:22:53 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007800ae79b3d7b74d@[165.1.27.20]>
In-Reply-To: <v03007801ae796d01ae4e@[165.1.27.20]>
References: <v03007802ae78472d187e@[138.87.2.109]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 3 Oct 1996 14:22:23 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5348] Re: APRS Documentation

The entire APRS/MacAPRS/WinAPRS documentation is now in a ZIP file

<ftp://aprs.rutgers.edu/pub/hamradio/aprs/APRSdocs.zip>

This file contains the entire Web browser documents for all of the APRS, MacAPRS and WinAPRS documentation. This file is 634K.

Download this file and unzip with the -D option (very important).

Open "index.htm" with your favorite web browser. You will now have ALL of the documentation for ALL versions easy to access.

Note, you do NOT have to be connected to the net to use a web browser to access local files

Mark

| | |
|---|-----------------------|
| Mark Sproul | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press | |
| sproul@ap.org | Work: 609-860-7120 |
| North Brunswick, NJ | Fax: 609-860-7129 |
| http://msproul.rutgers.edu/ | |

From lesowles@tgis.co.uk Thu Oct 03 14:04:51 1996
Received: from tgis.co.uk (root@[195.188.4.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id 0AA25035 for <aprssig@tapr.org>; Thu, 3 Oct 1996 14:04:48 -0500 (CDT)
Received: from dl01.tgis.co.uk (dl01.tgis.co.uk [195.188.4.101]) by tgis.co.uk (8.6.12/8.6.9) with SMTP id UAA00674 for <aprssig@tapr.org>; Thu, 3 Oct 1996 20:05:05 +0100
Date: Thu, 3 Oct 1996 20:05:05 +0100
Posted-Date: Thu, 3 Oct 1996 20:05:05 +0100
Message-Id: <199610031905.UAA00674@tgis.co.uk>
X-Sender: lesowles@mail.tgis.co.uk (Unverified)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: lesowles@tgis.co.uk (Les Owles)
Subject: Java + Win3.1
X-Mailer: <PC Eudora Version 1.4>

Hi Guys,

Thanks for replies to help with Java. Seems like I'll have to upgrade to Win95 :-)

My PC (486dx33) has only 8mb ram so will probably grind to a halt. Maybe a Pentium for Christmas :-)

Keep on tracking.

--

Les Owles [G4IRJ]
lesowles@tgis.co.uk

From cmoore@cancun.rose.hp.com Thu Oct 03 18:43:01 1996
Received: from relay.hp.com (relay.hp.com [15.255.152.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA04940 for <aprssig@tapr.org>; Thu, 3 Oct 1996 18:42:57 -0500 (CDT)
Received: from hpflash.rose.hp.com by relay.hp.com with SMTP (1.37.109.16/15.5+ECS 3.3) id AA268116065; Thu, 3 Oct 1996 16:41:07 -0700
Received: from cancun.rose.hp.com by hpflash.rose.hp.com with SMTP (1.38.193.5/15.5+ECS 3.4 Openmail) id AA18590; Thu, 3 Oct 1996 16:38:19 -0700
Received: by cancun.rose.hp.com (1.38.193.4/15.5+ECS 3.3) id AA26713; Thu, 3 Oct 1996 16:44:30 -0700
From: "Chris Moore" <cmoore@cancun.rose.hp.com>
Message-Id: <9610031644.ZM26711@cancun.rose.hp.com>
Date: Thu, 3 Oct 1996 16:44:29 -0700
X-Mailer: Z-Mail (3.2.1 10apr95)
To: aprssig@tapr.org
Subject: Non-standard APRS messages
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi all,

I'm new to the group, and also new to APRS. My main interest is in Unix systems, not PC's or Macs, so I'm looking at doing my own software for APRS.

In monitoring the local channel I've found some unusual things, and I'm wondering if I'm misreading the protocol (in PROTOCOL.TXT) or are these people really sending bad messages?

First example:

/3814.64N/12200.08W# (comment here)

According to the spec, immediately following the leading / there should be a DDHHMM/ field. The only message that begins with a location and skips the timestamp is a fixed station message, which should start with !.

Second example:

@031622/3636.10N/12150.17W-PHG343.5 (comment here)

The PHG field is supposed to be exactly 4 digits. What's the decimal point doing there?

Third example:

!3801.10N/12034.59W#PGH5760/ (comment here)

PGH doesn't mean anything. It should be PHG.

I guess I have a few questions - is anyone else looking at the protocol at this level, or is everyone just running the shareware apps? If these are being sent by the shareware apps, why do they have badly formatted data?

Any help would be appreciated.

Thanks,

Chris Moore

N6IYS

cmoore@cancun.rose.hp.com

From wa8inz@cris.com Thu Oct 03 19:39:51 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA07319 for <aprssig@tapr.org>; Thu, 3 Oct 1996 19:39:50 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id UAA02564; Thu, 3 Oct 1996 20:39:47 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@cris.com>

Received: from LOCALNAME (cnc000102.concentric.net [206.173.121.102])
by cliff.cris.com (8.7.5)
id UAA03227; Thu, 3 Oct 1996 20:39:45 -0400 (EDT)

Message-ID: <325478E7.449B@cris.com>

Date: Thu, 03 Oct 1996 19:39:35 -0700

From: William Nolle <wa8inz@cris.com>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Logo Page

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I have changed a couple of my logos on the logo page. I have added two new ones that have the Navstar satellite on it. These by the way are made from an actual pictures of a Navstar model i made for the New Orleans world fair a few years back Hi. These would be great for APRS webpage headers.

--

\\\\\\\\
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From ve4mjm@draco.bison.mb.ca Thu Oct 03 20:13:06 1996
Received: from electra.cc.umanitoba.ca (root@electra.cc.umanitoba.ca [130.179.16.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA08389 for <aprssig@tapr.org>; Thu, 3 Oct 1996 20:13:04 -0500 (CDT)
Received: from mira.cc.umanitoba.ca (uucp@mira.cc.umanitoba.ca [130.179.16.8]) by electra.cc.umanitoba.ca (8.7.1/8.7.1) with SMTP id UAA03625 for <aprssig@tapr.org>; Thu, 3 Oct 1996 20:13:01 -0500 (CDT)
Received: by mira.cc.umanitoba.ca (5.x/SMI-SVR4) id AA12598; Thu, 3 Oct 1996 20:12:58 -0500
>Received: by bison.mb.ca (Smail3.1.28.1 #14) id m0v8skD-0005m4C; Thu, 3 Oct 96 18:43 GMT
Received: from bison by mira.cc.umanitoba.ca; Thu, 3 Oct 1996 20:12 CDT
Received: by bison.mb.ca (Smail3.1.28.1 #14) id m0v8skD-0005m4C; Thu, 3 Oct 96 18:43 GMT
Received: by draco.bison.mb.ca id AA01380 (5.67b/IDA-1.5 for aprssig@tapr.org); Thu, 3 Oct 1996 20:43:16 -0500
Date: Thu, 3 Oct 1996 20:43:16 -0500 (CDT)
From: Michael Markmann <ve4mjm@draco.bison.mb.ca>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5147] Re: APRS/AMSAT VHF FREQ
In-Reply-To: <199609270002.UAA11962@vianet.on.ca>
Message-Id: <Pine.LNX.3.91.961003203816.602A-100000@draco.bison.mb.ca>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 26 Sep 1996, Stephen Dubois wrote:

> The Canadian Boys APRS freq. is 144.390. Works fine up here..in Ontario..

Well Southern Ontario is to Canada what Southern California is to the United States: Band Crowded.

I think I can safely say that Canada west of Sault St. Marie would

definatly be using 145.790 which seems to be what most (I didn't say all) of the States are using. Unfortunately nothing here yet for APRS usage however for interest sake in this discussion, the local BBS is on 144.310.

Michael

--

Michael Markmann VE4MJM Winnipeg, Manitoba, Canada

ve4mjm@draco.bison.mb.ca

Hobbies: Electronics, Amateur Radio, Computers, Model Trains, ...

From cmoore@cancun.rose.hp.com Thu Oct 03 21:05:41 1996

Received: from relay.hp.com (relay.hp.com [15.255.152.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA10135 for <aprssig@tapr.org>; Thu, 3 Oct 1996 21:05:38 -0500 (CDT)

Received: from hpflash.rose.hp.com by relay.hp.com with SMTP

(1.37.109.16/15.5+ECS 3.3) id AA080874734; Thu, 3 Oct 1996 19:05:35 -0700

Received: from cancun.rose.hp.com by hpflash.rose.hp.com with SMTP

(1.38.193.5/15.5+ECS 3.4 Openmail) id AA27729; Thu, 3 Oct 1996 19:04:13 -0700

Received: by cancun.rose.hp.com

(1.38.193.4/15.5+ECS 3.3) id AA29145; Thu, 3 Oct 1996 19:10:28 -0700

From: "Chris Moore" <cmoore@cancun.rose.hp.com>

Message-Id: <9610031910.ZM29143@cancun.rose.hp.com>

Date: Thu, 3 Oct 1996 19:10:27 -0700

In-Reply-To: William Nolle <wa8inz@cris.com>

"Re: [APRSSIG:5358] Non-standard APRS messages" (Oct 3, 5:46pm)

References: <9610031644.ZM26711@cancun.rose.hp.com> <32547793.7F37@cris.com>

X-Mailer: Z-Mail (3.2.1 10apr95)

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5358] Non-standard APRS messages

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

On Oct 3, 5:46pm, William Nolle wrote:

> Subject: Re: [APRSSIG:5358] Non-standard APRS messages

> Chris Moore wrote:

>> (my stuff about writing a unix version deleted)

>>

> Chris why would you want to re-invent the wheel?. It may also be an

> infringement on Bob Bruninga's copyrighted APRS software. Be very carefull

> with this venture as your clearly looking for his code etc. Don't take this

> as a flame but rather a word of caution from a fellow ham.

Hi,

I probably should have mentioned this, but I've already been in contact with Bob and he's aware of my efforts. If I can't find the answers I'm looking for here I'll go back to him, but I hate to bother him.

As far as the 'why', there are two reasons. First is the fact that I prefer the unix and X11 environment. Although I have a few PCs I don't use them much - I find they generate RFI, are susceptible to RFI, and they

tend to crash a lot. :-) The second reason is for the joy of experimenting with HAM radio. I've never been the type that could homebrew a rig, but software I can do!

So, thanks for the friendly warning. I understand your concerns, but as I said I've talked with Bob and he knows I'm working on this.

Thanks,

Chris Moore
N6IYS
cmoore@cancun.rose.hp.com

From ronald@cyberstreet.com Thu Oct 03 21:45:58 1996
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA11353 for <aprssig@tapr.org>; Thu, 3 Oct 1996 21:45:56 -0500 (CDT)
Received: from ronald.cyberstreet.com ([207.30.55.29])
by mail.cyberstreet.com (post.office MTA v1.9.3b ID# 114-12414)
with SMTP id AAA165 for <aprssig@tapr.org>;
Thu, 3 Oct 1996 22:49:02 -0400
Message-Id: <2.2.32.19961004024554.00684d60@mail.cyberstreet.com>
X-Sender: ronald@mail.cyberstreet.com (Unverified)
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 03 Oct 1996 22:45:54 -0400
To: aprssig@tapr.org
From: Ronald Oblinger <ronald@cyberstreet.com>
Subject: Re: [APRSSIG:5336] Re: APRS FAQ/Tutorial

At 11:08 PM 10/2/96 -0500, you wrote:
>IF YOU WILL SIND ME YOUR ADDRESS I WILL SIND YOU APRS 7.7b
>73 JOHN WA4MEJ
>wa4mej@juno.com
>OR
>wa4mej@southeast.net
>
>Ron Oblinger kd4ams
2352 Pellam Blvd

Port Charlotte, Fl
33948
kd4ams@kf4hfr
ronald@cyberstreet.com

Thank you very much:
someday I'll return the
favor.

73 cu Ron"KD4AMS"

From ku0g@sprynet.com Thu Oct 03 21:54:17 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA11798 for <aprssig@tapr.org>; Thu, 3 Oct 1996 21:54:15 -0500 (CDT)

From: ku0g@sprynet.com
Received: from [199.174.228.6] (hd31-006.compuserve.com [199.174.228.6]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id TAA06554 for <aprssig@tapr.org>; Thu, 3 Oct 1996 19:54:08 -0700
Date: Thu, 3 Oct 1996 19:54:08 -0700
Message-Id: <199610040254.TAA06554@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Test Message...Ignore this...
To: aprssig@tapr.org
X-Mailer: SPRY Mail Version: 04.00.06.21

Haven't received any sig mail all day! Just trying this to see if things are indeed dead or if I've got a problem somewhere along the line here... Sorry for bandwidth...

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From bruninga@nadm.navy.mil Thu Oct 03 22:00:20 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA11942 for <aprssig@tapr.org>; Thu, 3 Oct 1996 22:00:18 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id XAA05036 for <aprssig@tapr.org>; Thu, 3 Oct 1996 23:05:23 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 3 Oct 1996 23:05:22 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5358] Non-standard APRS messages
In-Reply-To: <9610031644.ZM26711@cancun.rose.hp.com>
Message-ID: <Pine.GSO.3.95.961003230247.4829E-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Oct 1996, Chris Moore wrote:

> In monitoring the local channel I've found some unusual things:
>
> /3814.64N/12200.08W# (comment here)
> @031622/3636.10N/12150.17W-PHG343.5 (comment here)
> !3801.10N/12034.59W#PGH5760/ (comment here)

APRSdos REPLY/COMMENT: You are correct, all of those are BAD entries by the operators. The 1st and 3rd are human entries into a TNC BText (WRONG) and the middle one is because the human responded to a prompt for gain with a fractional number...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Thu Oct 03 22:06:39 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA12219 for <aprssig@tapr.org>; Thu, 3 Oct 1996 22:06:38 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id XAA05143 for <aprssig@tapr.org>; Thu, 3 Oct 1996 23:11:42 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 3 Oct 1996 23:11:42 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5361] Re: Non-standard APRS messages
In-Reply-To: <9610031910.ZM29143@cancun.rose.hp.com>
Message-ID: <Pine.GS0.3.95.961003230938.4829G-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Oct 1996, Chris Moore wrote:

> >> (my stuff about writing a unix version deleted)
> I probably should have mentioned this, but I've already been in contact
> with Bob and he's aware of my efforts. If I can't find the answers I'm
> looking for here I'll go back to him, but I hate to bother him.

APRSDos REPLY/COMMENT: Sproul Bros are and have been working on the Unix version of APRS called Xaprs or xAPRS, not sure which, hi hi

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From BordingK@aol.com Thu Oct 03 22:22:57 1996
Received: from emout05.mail.aol.com (emout05.mx.aol.com [198.81.11.96]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA12713 for <aprssig@tapr.org>; Thu, 3 Oct 1996 22:22:52 -0500 (CDT)
From: BordingK@aol.com
Received: by emout05.mail.aol.com (8.6.12/8.6.12) id XAA10319 for aprssig@tapr.org; Thu, 3 Oct 1996 23:22:20 -0400
Date: Thu, 3 Oct 1996 23:22:20 -0400
Message-ID: <961003232219_201692989@emout05.mail.aol.com>
To: aprssig@tapr.org
Subject: Weather Stations Assistance.

Some questions regarding weather stations and APRS.

1. We have access to a Davis Weather Wizard III that we would like to get on the air.
 - a. Is this APRS capable?
 - b. Do both DOS APRS and WinAPRS support this device currently?
 - c. Can it be operated in a stand-alone mode without computer?

d. With an associated computer, can all the data logging functions still operate along with APRS and do you have to buy Davis's very expensive data logging software?

2. Reference Peet Bros:

a. Which is the better value system (U-2000, U-2, or U-500) for remote weather sites.

I know this is a multitude of questions, but we are trying to get a number of weather sites up here in Jacksonville, FL. Thanks for your help.

de KF4COH
Ken in Jax.

From wa8inz@cris.com Thu Oct 03 23:11:42 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA14528 for <aprssig@tapr.org>; Thu, 3 Oct 1996 23:11:40 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tribune.concentric.net (8.7.5/(96/09/19 1.3)) id AAA18930; Fri, 4 Oct 1996 00:11:38 -0400 (EDT) [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@cris.com>
Received: from LOCALNAME (cnc80357.concentric.net [206.173.114.57]) by cliff.cris.com (8.7.5) id AAA24013; Fri, 4 Oct 1996 00:11:37 -0400 (EDT)
Message-ID: <3254AA8E.FDD@cris.com>
Date: Thu, 03 Oct 1996 23:11:26 -0700
From: William Nolle <wa8inz@cris.com>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5363] Test Message...Ignore this...
References: <199610040254.TAA06554@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ku0g@sprynet.com wrote:

>
> Haven't received any sig mail all day! Just trying this to see if things are
> indeed dead or if I've got a problem somewhere along the line here... Sorry for
> bandwidth...
> Best 73,
> Jim Duncan, KU0G
> APRS--Kansas City Coordinator
> EMail: ku0g@sprynet.com

Hey Joe that's because i seen you driving around town in you mobil on my map, that's why you didn't have time to get the sig messages. By the way seen your running with 3 wides Hi.

--

\\\\\\\\
(0 0)
--o0-(_-)-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From ve4mjm@draco.bison.mb.ca Thu Oct 03 23:51:07 1996
Received: from electra.cc.umanitoba.ca (root@electra.cc.umanitoba.ca [130.179.16.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA17154 for <aprssig@tapr.org>; Thu, 3 Oct 1996 23:51:05 -0500 (CDT)
Received: from mira.cc.umanitoba.ca (uucp@mira.cc.umanitoba.ca [130.179.16.8]) by electra.cc.umanitoba.ca (8.7.1/8.7.1) with SMTP id XAA05102 for <aprssig@tapr.org>; Thu, 3 Oct 1996 23:51:06 -0500 (CDT)
Received: by mira.cc.umanitoba.ca (5.x/SMI-SVR4) id AA29319; Thu, 3 Oct 1996 23:51:02 -0500
>Received: by bison.mb.ca (Smail3.1.28.1 #14) id m0v8wVt-0005m4C; Thu, 3 Oct 96 22:45 GMT
Received: from bison by mira.cc.umanitoba.ca; Thu, 3 Oct 1996 23:51 CDT
Received: by bison.mb.ca (Smail3.1.28.1 #14) id m0v8wVt-0005m4C; Thu, 3 Oct 96 22:45 GMT
Received: by draco.bison.mb.ca id AA01833 (5.67b/IDA-1.5 for aprssig@tapr.org); Thu, 3 Oct 1996 21:03:45 -0500
Date: Thu, 3 Oct 1996 21:03:45 -0500 (CDT)
From: Michael Markmann <ve4mjm@draco.bison.mb.ca>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5167] Re: Baycom as a Wide Digi?
In-Reply-To: <199609271458.HAA15896@m1.sprynet.com>
Message-Id: <Pine.LNX.3.91.961003205842.602B-100000@draco.bison.mb.ca>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 27 Sep 1996, Jim Duncan wrote:

> >I know APRS can't use Baycom modems directly, but has anyone tried
> >to use one as a digipeater? The current Dayton Wide consists of a
> >dedicated "klunker" computer running APRS and a TNC. By switching to
> >Baycom I could free up the TNC for some other projects.
> >
> >Thanks!
>
> My question here is "WHY?" All you need is a TNC and a radio for a
> digipeater. No need to run the computer and software if all the site is
> used for is digipeating.
> 73 de Jim, KU0G

>

Actually Jim this fellow is looking into using the Baycom Packet-Modem (notice I didn't say TNC) as a digipeater thereby allowing the TNC currently in use to be used for other purposes. I do agree with your statement that you do not need a computer and the APRS software to run a WIDE or WIDE/RELAY. But seeing that _old_ computers are next to free (or even free sometimes) and the Baycom software can run on just about anything, I should think that using a Baycom for a WIDE would work just fine.

Michael

--

Michael Markmann VE4MJM Winnipeg, Manitoba, Canada

ve4mjm@draco.bison.mb.ca

Hobbies: Electronics, Amateur Radio, Computers, Model Trains, ...

From kheyboer@pinegov.co.pinellas.fl.us Fri Oct 04 06:21:48 1996

Received: from pinegov (pinegov.co.pinellas.fl.us [136.174.202.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA00574 for <aprssig@tapr.org>; Fri, 4 Oct 1996 06:21:38 -0500 (CDT)

Received: from none.gte.net by pinegov (SMI-8.6/SMI-SVR4)

id CAA17591; Fri, 4 Oct 1996 02:19:40 -0400

Message-ID: <3254F35C.4510@co.pinellas.fl.us>

Date: Fri, 04 Oct 1996 07:22:04 -0400

From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>

Organization: Pinellllas SKYWARN Coordinator

X-Mailer: Mozilla 2.01E-GTE (Win95; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5366] Weather Stations Assistance.

References: <961003232219_201692989@emout05.mail.aol.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

BordingK@aol.com wrote:

>

> Some questions regarding weather stations and APRS.

>

> 1. We have access to a Davis Weather Wizard III that we would like to get on
> the air.

> a. Is this APRS capable?

> b. Do both DOS APRS and WinAPRS support this device currently?

> c. Can it be operated in a stand-alone mode without computer?

> d. With an associated computer, can all the data logging functions

> still operate along with

> APRS and do you have to buy Davis's very expensive data logging

> software?

>

> 2. Reference Peet Bros:

>

> a. Which is the better value system (U-2000, U-2, or U-500) for remote
> weather sites.

>

> I know this is a multitude of questions, but we are trying to get a number of
> weather sites up here in Jacksonville, FL. Thanks for your help.
>
> de KF4COH
> Ken in Jax.

Hi Ken, I hope the following answers your questions:

Davis Instruments units are quite capable of APRS interface in versions in APRS versions after 7.0....but, you must have a registered version with a WX registration number, and you must have the computer interface cable from Davis Instruments.

Both DosAPRS and WinAPRS support Davis, but again, only the registered versions of same.

The Davis unit cannot currently operate in a stand-alone function with APRS...but it can be a remote unit connected via telephone modem to your home station.

The Davis Software can still be used (but not simultaneously) to record data from the wx station....because,

yes, you MUST by the software from Davis because it comes with the cable which contains the chip that contains the memory that stores the data...

And on the last question, that of value, it really just depends upon what you need at your station....The U-II is temp/winddir/windspeed, the U-500 adds the humidity and dewpoint, and the U-2000 adds the all important barometer...thus the increased cost of each unit.

*****Kevin
Heyboer E-Mail: kheyboer@co.pinellas.fl.us
Amateur Radio Call: KD4UYR Packet Mail:KD4UYR@W4DPH.#TPA.FL.US
Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN
Assistant Emergency Coordinator for Amateur Radio Emergency Service

From ad4bl@juno.com Fri Oct 04 07:39:47 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA02332 for <aprssig@tapr.org>; Fri, 4
Oct 1996 07:39:45 -0500 (CDT)
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail)
id IAB18476; Fri, 04 Oct 1996 08:39:33 EDT
To: aprssig@tapr.org
Date: Fri, 4 Oct 1996 08:37:50 CDT
Subject: Bulletins
Message-ID: <19961004.073927.3374.1.ad4bl@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-10
From: ad4bl@juno.com (Linda G Mullen)

Have a question: on the message page there is a reference to temporary or permanent bulletins. What is the difference and how would you use them. I do use the bulletin to post emergency wx information, net information, and other general information. Thanks.

Linda Mullen AD4BL DEC East Panhandle District
Northern Florida Section
Email ad4bl@juno.com or ad4bl@beaches.net
Everything worth doing takes courage

From bruninga@nadm.navy.mil Fri Oct 04 08:31:08 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA03853 for <aprssig@tapr.org>; Fri, 4 Oct 1996 08:31:05 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id JAA09769 for <aprssig@tapr.org>; Fri, 4 Oct 1996 09:36:09 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Fri, 4 Oct 1996 09:36:09 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5370] Bulletins
In-Reply-To: <19961004.073927.3374.1.ad4bl@juno.com>
Message-ID: <Pine.GS0.3.95.961004091950.5383B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 4 Oct 1996, Linda G Mullen wrote:

> Have a question: on the message page there is a reference to
> temporary or permanent bulletins. What is the difference
> and how would you use them.

APRSdos REPLY/COMMENT: Bulletins to BLN# and BLNx are transmitted on the same normal APRS decaying algorithm, meaning the time to transmit is doubled after every transmission. The difference is that BLN#'s just keep decaying, while BLNx decay down to once every 12 minutes and stay at that rate. If you are doing anything in real time which won't mean much 2 hours later, then use BLN#. Here is the result for the first half hour for both (9 packets total):

8 16 * 32 * 1min * 2min * 4min * 8min * 16min *

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From sproul@ap.org Fri Oct 04 09:07:44 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA05192 for <aprssig@tapr.org>; Fri, 4 Oct 1996 09:07:43 -0500 (CDT)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id KAA00468; Fri, 4 Oct 1996 10:02:25 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007801ae7ac98c425a@[165.1.27.20]>
In-Reply-To: <9610031644.ZM26711@cancun.rose.hp.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 4 Oct 1996 10:04:32 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5358] Non-standard APRS messages
Cc: cmoore@cancun.rose.hp.com

>Hi all,

>

>I'm new to the group, and also new to APRS. My main interest is in Unix
>systems, not PC's or Macs, so I'm looking at doing my own software for
>APRS.

>

There is a version of APRS called X-APRS that is in the works. We have
proof of concept working (Maps are being displayed under X) and expect
(hope) to have a complete X-Windows version ready to release by Datyon of
next year.

Mark

| | |
|---|-----------------------|
| Mark Sproul | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press | |
| sproul@ap.org | Work: 609-860-7120 |
| North Brunswick, NJ | Fax: 609-860-7129 |
| http://msproul.rutgers.edu/ | |

From kf4dys@juno.com Fri Oct 04 09:28:33 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA05722 for <aprssig@tapr.org>; Fri, 4
Oct 1996 09:28:31 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail)
id KAA10221; Fri, 04 Oct 1996 10:25:59 EDT
To: aprssig@tapr.org
Date: Fri, 4 Oct 1996 09:11:13 PST
Subject: Re: [APRSSIG:5370] Bulletins
Message-ID: <19961004.092047.4503.0.kf4dys@juno.com>
References: <19961004.073927.3374.1.ad4bl@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-49
From: kf4dys@juno.com (Joe Foor)

On Fri, 4 Oct 1996 07:50:50 -0500 (CDT) ad4bl@juno.com (Linda G Mullen) writes:

>Have a question: on the message page there is a reference to
>temporary or permanent bulletins. What is the difference
>and how would you use them. I do use the bulletin to post
>emergency wx information, net information, and other
>general information. Thanks.
>

Hi Linda;

The only difference, is in the transmission periodicity.

When you input anything, the APRS software transmits a packet, then 7 seconds later another packet, then 14 seconds later another packet, then 28 seconds later another packet... If you permit it, eventually it will get to the point where it is transmitting the packet once every 24 hours. Once it gets to this point, it stops changing the time between packets (I read this in the docs, several versions ago, but haven't tested it).

Some types of data packets don't do that. The time will stop changing when it hits a maximum of 20 minutes between packets. The storms I post are this way and so are the station position packets and the permanent bulletins. Of course, if you (E)rase the bulletin, it will stop being transmitted.

The choice of what type of bulletin to use, depends on whether the information will continue to be critical after the first 40 minutes. If it will, then you should use a permanent bulletin, so any station coming on the net will still see the bulletin within twenty minutes of starting their software up.

For short term information, such as "EPAN NET accepting APRS checkins", the temporary bulletin would be preferred, so if you forget to (E)rase it afterward, it will space itself out and minimize the interference with normal net operations. On the other hand, If I had a tropical cyclone, coming our way, about 48 hours out. I would use a permanent bulletin, to announce it, so people who didn't normally use a large scale map display, would still find out about it, soon after they came up on the net.

Regards,
Joe

From scott@ia.net Fri Oct 04 10:22:25 1996

Received: from zeus.ia.net (root@zeus.ia.net [205.160.208.33]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA07769 for <aprssig@tapr.org>; Fri, 4 Oct 1996

10:22:24 -0500 (CDT)
Received: from zeus.ia.net (CR-Port20.IA.Net [198.69.2.148]) by zeus.ia.net
(8.6.12/8.6.12) with SMTP id KAA01831 for <aprssig@tapr.org>; Fri, 4 Oct 1996
10:22:17 -0500
Date: Fri, 4 Oct 1996 10:22:17 -0500
Message-Id: <199610041522.KAA01831@zeus.ia.net>
X-Sender: scott@ia.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Scott <scott@ia.net>
Subject: Newbie with APRS questions

Greetings all.

I'm trying to set up my own APRS station but I don't know exactly what files to download. I'm using a 386DX 40 computer with 6mb RAM. Am using Windows 3.11 for Workgroups. Can use either windows or DOS. I have a Heathkit HD 4040 TNC running the KISS mode (I think). I am using ProComm Plus software. Any help appreciated.

Scott Werling Anamosa, Iowa
scott@ia.net OR werling@dps.state.ia.us
Amateur radio operator N0XZY AX 25: N0XZY @ WA0RJT.#EIA.IA.USA.NOAM
Living in Iowa, 'cause I gotta be somewhere.

Of Burglars and Bureaucrats: "One way to make sure crime doesn't pay would be to let the government run it." Ronald Regan.

From wd5ivd@tapr.org Fri Oct 04 10:35:29 1996
Received: from suntan.tandem.com (suntan.tandem.com [192.216.221.8]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA08180 for <aprssig@tapr.org>; Fri, 4 Oct 1996
10:35:17 -0500 (CDT)
From: COCKERELL_LARRY@Tandem.COM
Received: from MAILMN.mis.tandem.com by suntan.tandem.com (8.6.12/suntan5.960905)
for <aprssig@tapr.org>
id IAA14644; Fri, 4 Oct 1996 08:35:10 -0700
Received: by MAILMN.mis.tandem.com (4.13/4.5)
id AA22329; 4 Oct 96 08:37:01 -0700
Date: 4 Oct 96 08:34:00 -0700
Message-Id: <199610040837.AA22329@MAILMN.mis.tandem.com>
To: aprssig@tapr.org
Subject: REPLY FROM VACATION AGENT

I'm on vacation until October 21. For MIS questions please contact Laura Duncan or Theresa Conejero. For Tech Support questions please contact Jack Schifando. For Field Support questions please contact Rich D'Angelo.

----- ORIGINAL ATTACHMENT -----
SENT 10-04-96 FROM SMTPGATE (aprssig@tapr.org)

APRSSIG Digest 720

Topics covered in this issue include:

- 1) TAPR Office to reduce to minimum operations
by Greg Jones <wd5ivd@tapr.org>
- 2) Re: N7LUE
by William Nolle <wa8inz@cris.com>
- 3) Re: APRS FAQ/Tutorial
by William Nolle <wa8inz@cris.com>
- 4) RS232 level converter
by "Charles E. Heisler" <cheisler@cyberia.com>
- 5) Magnavox MX4200, anyone want one?
by bob <w2g3zjfj@unix.asb.com>
- 6) Re: DGPS and ANNAPOLIS WIDE!
by clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
- 7) Re: APRS Documentation
by Mark Sproul <sproul@ap.org>
- 8) Java + Win3.1
by lesowles@tgis.co.uk (Les Owles)
- 9) Non-standard APRS messages
by "Chris Moore" <cmoore@cancun.rose.hp.com>
- 10) Logo Page
by William Nolle <wa8inz@cris.com>
- 11) Re: APRS/AMSAT VHF FREQ
by Michael Markmann <ve4mjm@draco.bison.mb.ca>
- 12) Re: Non-standard APRS messages
by "Chris Moore" <cmoore@cancun.rose.hp.com>
- 13) Re: APRS FAQ/Tutorial
by Ronald Oblinger <ronald@cyberstreet.com>
- 14) Test Message...Ignore this...
by ku0g@sprynet.com
- 15) Re: Non-standard APRS messages
by Bob Bruninga <bruninga@nadm.navy.mil>
- 16) Re: Non-standard APRS messages
by Bob Bruninga <bruninga@nadm.navy.mil>
- 17) Weather Stations Assistance.
by BordingK@aol.com
- 18) Re: Test Message...Ignore this...
by William Nolle <wa8inz@cris.com>
- 19) Re: Baycom as a Wide Digi?
by Michael Markmann <ve4mjm@draco.bison.mb.ca>
- 20) Re: Weather Stations Assistance.
by Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
- 21) Bulletins
by ad4bl@juno.com (Linda G Mullen)
- 22) Re: Bulletins
by Bob Bruninga <bruninga@nadm.navy.mil>
- 23) Re: Non-standard APRS messages
by Mark Sproul <sproul@ap.org>
- 24) Re: Bulletins
by kf4dys@juno.com (Joe Foor)

Date: Thu, 3 Oct 1996 10:01:18 -0500 (CDT)
From: Greg Jones <wd5ivd@tapr.org>
To: tapr-bb@tapr.org (TAPR-BB mailing), tapr-board@tapr.org (TAPR Board),
Subject: TAPR Office to reduce to minimum operations
Message-ID: <199610031501.KAA15057@tapr.org>

TAPR Office to reduce to minimum operations Oct 3, 1996

The TAPR Office will shutdown to minimum operations starting October 8th and running at least until October 28th.

This means that Dorothy will not be working the office phones during this period. The office will continue to operate, but at a much reduced level. E-mail, US mail, Voice Mail, etc will still be received and recorded, but everything will be processed at a very much slower rate during this period.

GPS-20 units have begun to ship. As of this e-mail, approximately 40 units have shipped. We are awaiting additional pins for the connector (suppose to arrive Oct 11th) in order to complete the remainder of the units. These pins replace the ones that were incorrect in the shipment we received. Once the pins arrive, we will get the other units out as soon as possible.

The Motorola EVM56002 have been placed on order and are expected to arrive sometime after Oct 21st. They will then be shipped out as time permits under the operational schedule at the office. There are something like 60 of the 200 units still available in this purchase at the \$85 + \$10 s/h price. Check the TAPR Web page for full details www.tapr.org. First come basis on these units.

TAPR is sorry for any delays that the reduced operations schedule at the office might cause. If everything turns out positive, the office should be back operational towards the end of October.

Cheers - Greg Jones, WD5IVD
President, TAPR

(wd5ivd@tapr.org)

Date: Thu, 03 Oct 1996 10:40:51 -0700
From: William Nolle <wa8inz@cris.com>
To: aprssig@tapr.org
Subject: Re: N7LUE
Message-ID: <3253FAA3.2CEF@cris.com>

Ronald Armstrong wrote:

>
> Does anyone know where I can reach Robert Swain N7LUE,I am looking for
> him ,I badly need to get from him the interface for connecting my DF to
> APRS. Ron VE2JOR

Right off hand i can't tell you but i know there's a direction finding
page on the web that covers his DF stuff. I think there's a link to it on
my WA8INZ page just below the Agrelo link. If you still can't find it let
me know and i will track it down!.

--

\\///
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THOSE MENTOR VOLUNTEERS

You can now get to the Logo page from the main menu

Also check out my WA8INZ Home page.

<http://www.concentric.net/~wa8inz>

Date: Thu, 03 Oct 1996 10:43:39 -0700
From: William Nolle <wa8inz@cris.com>
To: aprssig@tapr.org
Subject: Re: APRS FAQ/Tutorial
Message-ID: <3253FB4B.31B9@cris.com>

SWeigold@aol.com wrote:

>
> In a message dated 96-10-02 19:07:36 EDT, you write:
>
> > Come on Bill! Give the guy a break! He may not even *HAVE* an
> > APRS\README subdirectory, because he may not have the software
> > installed yet! He may be looking for info like the APRS FAQs that
> > many people have on their WWW pages, or he may need info on how to
> > obtain the software in the first place! A little kindness please!
> >
> > Steve, if you still need information (and we haven't driven you away
> > from the SIG yet...), please feel free to E-Mail me direct. I'll do
> > what I can to help.
> >
> > Bill Young
> > byoung@qni.com
> > KB0UZQ
>
> Bill,
> You were nicer to him than I was... I sent him a nasty email... I am an
> Advanced Class who goes out of my way to help new commers (elmered 10 so
> far!) and I tend to get a little pissed about stuff like that. Anyway,

> basically thinking about getting into APRS but I know little more than what
> APRS stands for. Any help you can give will be appreciated.
> 73
> Steve KF8KI

Yes Steve it did get me upset just a little about a guy that would rather
have someone else do his leg work for him Hi. Well anytime you need some help
let me know and i will sure give it a try Hi.

--

\\///
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THOSE MENTOR VOLUNTEERS

You can now get to the Logo page from the main menu

Also check out my WA8INZ Home page.

<http://www.concentric.net/~wa8inz>

Date: Thu, 03 Oct 1996 11:46:08 -0400
From: "Charles E. Heisler" <cheisler@cyberia.com>
To: aprssig@tapr.org
Subject: RS232 level converter
Message-ID: <2.2.16.19961003154608.24ffb2ec@cyberia.com>

Hi APRSSIGS

Can some one point me toward a simple to build (or buy)
RS232 level comverter? I want to interface my GPS-20 engine to
A old computer that will not drive from the <5 volt serial data
from the GPS-20.

Thanks for any help!!
Please respond to:
cheisler@cyberia.com
As I am temp. off of the SIG.
de Charlie K3VDB

Date: Thu, 3 Oct 1996 11:57:34 -0400
From: bob <w2g3zfej@unix.asb.com>
To: aprssig@tapr.org
Subject: Magnavox MX4200, anyone want one?
Message-ID: <199610031557.LAA14558@unix.asb.com>

Hi Folks

I have an MX4200 for disposal. Includes simple RS422<->RS232 interface, full docs, 4200.exe control program etc. Works fine, ideal for standalone tracker (I use one in the car). Ideally needs an amplified antenna, but lock *usually* obtained on a passive antenna. I typically use the Garmin amplified antenna with my MX4200's but have also used a generic amplified antenna, the Paccom one *should* work as well. Operates upto 80,000 ft and 1000knots, no 99knot limit like the Garmins! Will also supply unlimited EMail help to get it going with APRS!

If interested let me know by DIRECT Email please NOT via the SIG!

73 de bob w2/g3zfq

w2g3zfq@unix.asb.com

PS For those who don't know what an MX4200 is, its a small plastic box (about 6" x 4"x1.5") with three leds on the front for status info. Has two RS422 ports, one for control and one for rtcm104 input (DGPS) also has a NMEA port as well. Outputs GGA, VTG and GLL sentences plus lots of other info on satellite status etc if needed. Fully programmable for output rate, sentences etc. The 4200.exe program enables you to easily change all this. Battery back up. 12-24v input. Type 'F' antenna input, 25pin D type for data. Once you've programmed it you only need to turn it on.

Date: Thu, 03 Oct 96 16:45:17 UTC
From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
To: aprssig@tapr.org
Subject: Re: DGPS and ANNAPOLIS WIDE!
Message-ID: <113152@tomcat.gsfc.nasa.gov>

Bob -- thanks for telling me that the Balto/Wash area now is again WIDE!
I just stopped by W3IWI-13 and changed the UNPROTO route accordingly.

All -- Now that the W3IWI-13 DGPS beacon has better coverage bouncing thru whatever WIDEs it can hit, I am really anxious to get reports from folks in the MD/DC/VA/DE/PA/SNJ area on your ability to use the DGPS corrections I'm broadcasting. In case you missed the earlier postings, W3IWI-13 is sending DGPS beacons addressed to DGPS via WIDE with a beacon sent every 20 seconds. The data is generated in some professional equipment and the DGPS correction quality should be >>BETTER<< than those sent by the Coast Guard on ~300 kHz or by commercial firms like DCI on FM broadcast subcarriers. With these corrections poked into your GPS receiver, you should obtain 1-10 meter accuracy within about 50 miles of the beacon site (Greenbelt MD) and should see improvements out to the 100-200 mile range. The DGPS beacons should virtually eliminate effects of Selective Availability and GPS broadcast ephemeris errors, and will minimize errors due to signal propagation thru the ionosphere and troposphere.

To use them, you need to make sure there is some data path from your TNC's data output into your GPS rcvr's input. This can be a direct TNC->GPS connection, or Bob has hooks in APRS to handle it for you. You may need to enable DGPS data on your GPS receiver; for example, in the Garmin 38/40/45 you need to go to the INTERFACES menu item, and select either NMEA/RTCM or NONE/RTCM. For most receivers, your TNC needs to be set to 4800 baud async data rate to make things work.

So please, send me (or post here) news on how the DGPS corrections are working for you! So far, apparently only a couple of us are using the correction signals.

73, Tom

Date: Thu, 3 Oct 1996 14:22:23 -0400
From: Mark Sproul <sproul@ap.org>
To: aprssig@tapr.org
Subject: Re: APRS Documentation
Message-ID: <v03007800ae79b3d7b74d@[165.1.27.20]>

The entire APRS/MacAPRS/WinAPRS documentation is now in a ZIP file

<ftp://aprs.rutgers.edu/pub/hamradio/aprs/APRSdocs.zip>

This file contains the entire Web browser documents for all of the APRS, MacAPRS and WinAPRS documentation. This file is 634K.

Download this file and unzip with the -D option (very important).

Open "index.htm" with your favorite web browser. You will now have ALL of the documentation for ALL versions easy to access.

Note, you do NOT have to be connected to the net to use a web browser to access local files

Mark

| | |
|---|-----------------------|
| Mark Sproul | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press | |
| sproul@ap.org | Work: 609-860-7120 |
| North Brunswick, NJ | Fax: 609-860-7129 |
| http://msproul.rutgers.edu/ | |

Date: Thu, 3 Oct 1996 20:05:05 +0100
From: lesowles@tgis.co.uk (Les Owles)
To: aprssig@tapr.org
Subject: Java + Win3.1
Message-ID: <199610031905.UAA00674@tgis.co.uk>

Hi Guys,

Thanks for replies to help with Java. Seems like I'll have to upgrade to Win95 :-)

My PC (486dx33) has only 8mb ram so will probably grind to a halt. Maybe a Pentium for Christmas :-)

Keep on tracking.

--

Les Owles [G4IRJ]
lesowles@tgis.co.uk

Date: Thu, 3 Oct 1996 16:44:29 -0700
From: "Chris Moore" <cmoore@cancun.rose.hp.com>
To: aprssig@tapr.org
Subject: Non-standard APRS messages
Message-ID: <9610031644.ZM26711@cancun.rose.hp.com>

Hi all,

I'm new to the group, and also new to APRS. My main interest is in Unix systems, not PC's or Macs, so I'm looking at doing my own software for APRS.

In monitoring the local channel I've found some unusual things, and I'm wondering if I'm misreading the protocol (in PROTOCOL.TXT) or are these people really sending bad messages?

First example:

/3814.64N/12200.08W# (comment here)

According to the spec, immediately following the leading / there should be a DDHHMM/ field. The only message that begins with a location and skips the timestamp is a fixed station message, which should start with !.

Second example:

@031622/3636.10N/12150.17W-PHG343.5 (comment here)

The PHG field is supposed to be exactly 4 digits. What's the decimal point doing there?

Third example:

!3801.10N/12034.59W#PGH5760/ (comment here)

PGH doesn't mean anything. It should be PHG.

I guess I have a few questions - is anyone else looking at the protocol at this level, or is everyone just running the shareware apps? If these are being sent by the shareware apps, why do they have badly formatted data?

Any help would be appreciated.

Thanks,

Chris Moore
N6IYS
cmoore@cancun.rose.hp.com

Date: Thu, 03 Oct 1996 19:39:35 -0700
From: William Nolle <wa8inz@cris.com>
To: aprssig@tapr.org
Subject: Logo Page
Message-ID: <325478E7.449B@cris.com>

I have changed a couple of my logos on the logo page. I have added two new ones that have the Navstar satellite on it. These by the way are made from an actual pictures of a Navstar model i made for the New Orleans world fair a few years back Hi. These would be great for APRS webpage headers.

--

 \////
 (0 0)
 --o0-()-0o--
 wa8inz@amsat.org
 wa8inz@cris.com
Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

 <http://www.concentric.net/~wa8inz>

Date: Thu, 3 Oct 1996 20:43:16 -0500 (CDT)
From: Michael Markmann <ve4mjm@draco.bison.mb.ca>
To: aprssig@tapr.org
Subject: Re: APRS/AMSAT VHF FREQ
Message-ID: <Pine.LNX.3.91.961003203816.602A-100000@draco.bison.mb.ca>

On Thu, 26 Sep 1996, Stephen Dubois wrote:

> The Canadian Boys APRS freq. is 144.390. Works fine up here..in Ontario..

Well Southern Ontario is to Canada what Southern California is to the United States: Band Crowded.

I think I can safely say that Canada west of Sault St. Marie would definately be using 145.790 which seems to be what most (I didn't say all) of the States are using. Unfortunately nothing here yet for APRS usage however for interest sake in this discussion, the local BBS is on 144.310.

Michael

--

Michael Markmann VE4MJM Winnipeg, Manitoba, Canada

ve4mjm@draco.bison.mb.ca

Hobbies: Electronics, Amateur Radio, Computers, Model Trains, ...

Date: Thu, 3 Oct 1996 19:10:27 -0700
From: "Chris Moore" <cmoore@cancun.rose.hp.com>
To: aprssig@tapr.org
Subject: Re: Non-standard APRS messages
Message-ID: <9610031910.ZM29143@cancun.rose.hp.com>

On Oct 3, 5:46pm, William Nolle wrote:

> Subject: Re: [APRSSIG:5358] Non-standard APRS messages
> Chris Moore wrote:
>> (my stuff about writing a unix version deleted)
>>
> Chris why would you want to re-invent the wheel?. It may also be an
> infringement on Bob Bruninga's copyrighted APRS software. Be very carefull
> with this venture as your clearly looking for his code etc. Don't take this
> as a flame but rather a word of caution from a fellow ham.

Hi,

I probably should have mentioned this, but I've already been in contact with Bob and he's aware of my efforts. If I can't find the answers I'm looking for here I'll go back to him, but I hate to bother him.

As far as the 'why', there are two reasons. First is the fact that I prefer the unix and X11 environment. Although I have a few PCs I don't use them much - I find they generate RFI, are susceptible to RFI, and they tend to crash a lot. :-) The second reason is for the joy of experimenting with HAM radio. I've never been the type that could homebrew a rig, but software I can do!

So, thanks for the friendly warning. I understand your concerns, but as I said I've talked with Bob and he knows I'm working on this.

Thanks,

Chris Moore
N6IYS
cmoore@cancun.rose.hp.com

Date: Thu, 03 Oct 1996 22:45:54 -0400
From: Ronald Oblinger <ronald@cyberstreet.com>
To: aprssig@tapr.org
Subject: Re: APRS FAQ/Tutorial
Message-ID: <2.2.32.19961004024554.00684d60@mail.cyberstreet.com>

At 11:08 PM 10/2/96 -0500, you wrote:

>IF YOU WILL SIND ME YOUR ADDRESS I WILL SIND YOU APRS 7.7b

>73 JOHN WA4MEJ

>wa4mej@juno.com

>OR

>wa4mej@southeast.net

>

>Ron Oblinger kd4ams

2352 Pellam Blvd

Port Charlotte, Fl

33948

kd4ams@kf4hfr

ronald@cyberstreet.com

Thank you very much:
someday I'll return the
favor.

73 cu Ron"KD4AMS"

Date: Thu, 3 Oct 1996 19:54:08 -0700
From: ku0g@sprynet.com
To: aprssig@tapr.org
Subject: Test Message...Ignore this...
Message-ID: <199610040254.TAA06554@m1.sprynet.com>

Haven't received any sig mail all day! Just trying this to see if things are indeed dead or if I've got a problem somewhere along the line here... Sorry for bandwidth...

Best 73,

Jim Duncan, KU0G

APRS--Kansas City Coordinator

EMail: ku0g@sprynet.com

Date: Thu, 3 Oct 1996 23:05:22 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
To: aprssig@tapr.org

Subject: Re: Non-standard APRS messages
Message-ID: <Pine.GS0.3.95.961003230247.4829E-1000000@arctic>

On Thu, 3 Oct 1996, Chris Moore wrote:

> In monitoring the local channel I've found some unusual things:
>
> /3814.64N/12200.08W# (comment here)
> @031622/3636.10N/12150.17W-PHG343.5 (comment here)
> !3801.10N/12034.59W#PGH5760/ (comment here)

APRSDos REPLY/COMMENT: You are correct, all of those are BAD entries by the operators. The 1st and 3rd are human entries into a TNC BText (WRONG) and the middle one is because the human responded to a prompt for gain with a fractional number...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

Date: Thu, 3 Oct 1996 23:11:42 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
Subject: Re: Non-standard APRS messages
Message-ID: <Pine.GS0.3.95.961003230938.4829G-1000000@arctic>

On Thu, 3 Oct 1996, Chris Moore wrote:

> >> (my stuff about writing a unix version deleted)
> I probably should have mentioned this, but I've already been in contact
> with Bob and he's aware of my efforts. If I can't find the answers I'm
> looking for here I'll go back to him, but I hate to bother him.

APRSDos REPLY/COMMENT: Sproul Bros are and have been working on the Unix version of APRS called Xaprs or xAPRS, not sure which, hi hi

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

Date: Thu, 3 Oct 1996 23:22:20 -0400
From: BordingK@aol.com
To: aprssig@tapr.org
Subject: Weather Stations Assistance.
Message-ID: <961003232219_201692989@emout05.mail.aol.com>

Some questions regarding weather stations and APRS.

1. We have access to a Davis Weather Wizard III that we would like to get on the air.

- a. Is this APRS capable?
- b. Do both DOS APRS and WinAPRS support this device currently?
- c. Can it be operated in a stand-alone mode without computer?
- d. With an associated computer, can all the data logging functions still operate along with APRS and do you have to buy Davis's very expensive data logging software?

2. Reference Peet Bros:

- a. Which is the better value system (U-2000, U-2, or U-500) for remote weather sites.

I know this is a multitude of questions, but we are trying to get a number of weather sites up here in Jacksonville, FL. Thanks for your help.

de KF4COH
Ken in Jax.

Date: Thu, 03 Oct 1996 23:11:26 -0700
From: William Nolle <wa8inz@cris.com>
To: aprssig@tapr.org
Subject: Re: Test Message...Ignore this...
Message-ID: <3254AA8E.FDD@cris.com>

ku0g@sprynet.com wrote:

>
> Haven't received any sig mail all day! Just trying this to see if things are
> indeed dead or if I've got a problem somewhere along the line here... Sorry for
> bandwidth...
> Best 73,
> Jim Duncan, KU0G
> APRS--Kansas City Coordinator
> EMail: ku0g@sprynet.com

Hey Joe that's because i seen you driving around town in you mobil on my map, that's why you didn't have time to get the sig messages. By the way seen your running with 3 wides Hi.

--

\\\\\\\\
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

Date: Thu, 3 Oct 1996 21:03:45 -0500 (CDT)
From: Michael Markmann <ve4mjm@draco.bison.mb.ca>
To: aprssig@tapr.org
Subject: Re: Baycom as a Wide Digi?
Message-ID: <Pine.LNX.3.91.961003205842.602B-100000@draco.bison.mb.ca>

On Fri, 27 Sep 1996, Jim Duncan wrote:

> >I know APRS can't use Baycom modems directly, but has anyone tried
> >to use one as a digipeater? The current Dayton Wide consists of a
> >dedicated "klunker" computer running APRS and a TNC. By switching to
> >Baycom I could free up the TNC for some other projects.
> >
> >Thanks!
>
> My question here is "WHY?" All you need is a TNC and a radio for a
> digipeater. No need to run the computer and software if all the site is
> used for is digipeating.
> 73 de Jim, KU0G
>

Actually Jim this fellow is looking into using the Baycom Packet-Modem
(notice I didn't say TNC) as a digipeater thereby allowing the TNC
currently in use to be used for other purposes. I do agree with your
statement that you do not need a computer and the APRS software to run a
WIDE or WIDE/RELAY. But seeing that _old_ computers are next to free (or
even free sometimes) and the Baycom software can run on just about
anything, I should think that using a Baycom for a WIDE would work just fine.

Michael

--

Michael Markmann VE4MJM Winnipeg, Manitoba, Canada
ve4mjm@draco.bison.mb.ca
Hobbies: Electronics, Amateur Radio, Computers, Model Trains, ...

Date: Fri, 04 Oct 1996 07:22:04 -0400
From: Kevin Heyboer <kheyboer@pinegov.co.pinellas.fl.us>
To: aprssig@tapr.org
Subject: Re: Weather Stations Assistance.
Message-ID: <3254F35C.4510@co.pinellas.fl.us>

BordingK@aol.com wrote:

>

Coordinator, Pinellas (St. Petersburg/Clearwater) SKYWARN
Assistant Emergency Coordinator for Amateur Radio Emergency Service

Date: Fri, 4 Oct 1996 08:37:50 CDT
From: ad4bl@juno.com (Linda G Mullen)
To: aprssig@tapr.org
Subject: Bulletins
Message-ID: <19961004.073927.3374.1.ad4bl@juno.com>

Have a question: on the message page there is a reference to temporary or permanent bulletins. What is the difference and how would you use them. I do use the bulletin to post emergency wx information, net information, and other general information. Thanks.

Linda Mullen AD4BL DEC East Panhandle District
Northern Florida Section
Email ad4bl@juno.com or ad4bl@beaches.net
Everything worth doing takes courage

Date: Fri, 4 Oct 1996 09:36:09 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
To: aprssig@tapr.org
Subject: Re: Bulletins
Message-ID: <Pine.GS0.3.95.961004091950.5383B-100000@arctic>

On Fri, 4 Oct 1996, Linda G Mullen wrote:

> Have a question: on the message page there is a reference to
> temporary or permanent bulletins. What is the difference
> and how would you use them.

APRSdos REPLY/COMMENT: Bulletins to BLN# and BLNx are transmitted on the same normal APRS decaying algorithm, meaning the time to transmit is doubled after every transmission. The difference is that BLN#'s just keep decaying, while BLNx decay down to once every 12 minutes and stay at that rate. If you are doing anything in real time which won't mean much 2 hours later, then use BLN#. Here is the result for the first half hour for both (9 packets total):

8 16 * 32 * 1min * 2min * 4min * 8min * 16min *

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

Date: Fri, 4 Oct 1996 10:04:32 -0400
From: Mark Sproul <sproul@ap.org>
To: aprssig@tapr.org
Cc: cmoore@cancun.rose.hp.com
Subject: Re: Non-standard APRS messages
Message-ID: <v03007801ae7ac98c425a@[165.1.27.20]>

>Hi all,
>
>I'm new to the group, and also new to APRS. My main interest is in Unix
>systems, not PC's or Macs, so I'm looking at doing my own software for
>APRS.
>

There is a version of APRS called X-APRS that is in the works. We have
proof of concept working (Maps are being displayed under X) and expect
(hope) to have a complete X-Windows version ready to release by Datyon of
next year.

Mark

Mark Sproul | Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |
sproul@ap.org | Work: 609-860-7120
North Brunswick, NJ | Fax: 609-860-7129
<http://msproul.rutgers.edu/>

Date: Fri, 4 Oct 1996 09:11:13 PST
From: kf4dys@juno.com (Joe Foor)
To: aprssig@tapr.org
Subject: Re: Bulletins
Message-ID: <19961004.092047.4503.0.kf4dys@juno.com>

On Fri, 4 Oct 1996 07:50:50 -0500 (CDT) ad4bl@juno.com (Linda G Mullen)
writes:

>Have a question: on the message page there is a reference to
>temporary or permanent bulletins. What is the difference
>and how would you use them. I do use the bulletin to post
>emergency wx information, net information, and other
>general information. Thanks.
>

Hi Linda;

The only difference, is in the transmission periodicity.

When you input anything, the APRS software transmits a packet, then 7 seconds later another packet, then 14 seconds later another packet, then 28 seconds later another packet... If you permit it, eventually it will get to the point where it is transmitting the packet once every 24 hours. Once it gets to this point, it stops changing the time between packets (I read this in the docs, several versions ago, but haven't tested it).

Some types of data packets don't do that. The time will stop changing when it hits a maximum of 20 minutes between packets. The storms I post are this way and so are the station position packets and the permanent bulletins. Of course, if you (E)rase the bulletin, it will stop being transmitted.

The choice of what type of bulletin to use, depends on whether the information will continue to be critical after the first 40 minutes. If it will, then you should use a permanent bulletin, so any station coming on the net will still see the bulletin within twenty minutes of starting their software up.

For short term information, such as "EPAN NET accepting APRS checkins", the temporary bulletin would be preferred, so if you forget to (E)rase it afterward, it will space itself out and minimize the interference with normal net operations. On the other hand, If I had a tropical cyclone, coming our way, about 48 hours out. I would use a permanent bulletin, to announce it, so people who didn't normally use a large scale map display, would still find out about it, soon after they came up on the net.

Regards,
Joe

End of APRSSIG Digest 720

From hwm@netcom.com Fri Oct 04 11:15:18 1996
Received: from mm.wd6dod.ampr.org (hwm@netcom19.netcom.com [192.100.81.132]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA09315 for <aprssig@tapr.org>; Fri, 4 Oct 1996 11:15:13 -0500 (CDT)
Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id JAA00088 for <aprssig@tapr.org>; Fri, 4 Oct 1996 09:14:49 -0700

Date: Fri, 4 Oct 1996 09:14:49 -0700 (PDT)
From: Bob Lorenzini <hwm@netcom.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5361] Re: Non-standard APRS messages
In-Reply-To: <9610031910.ZM29143@cancun.rose.hp.com>
Message-ID: <Pine.LNX.3.95.961004090258.85B-100000@mm.wd6dod.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Chris, you may not be aware but there is a port of WINAPRS to unix in progress already. I don't mention this to discourage you as I also prefer unix over dos/windows. APRS is just about the only application I run under that environment any more. As an aside, linux (my preference) halts the processor rather than running in a idle loop when not busy, greatly extending battery life on a laptop.

Bob - wd6dod

From dougwe@wrq.com Fri Oct 04 11:46:45 1996
Received: from slkc1.slkc.uswest.net (slkc1.slkc.uswest.net [206.81.128.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA10280 for <aprssig@tapr.org>; Fri, 4 Oct 1996 11:46:43 -0500 (CDT)
Received: from DOUGWE.WRQ.COM ([150.215.90.23]) by slkc1.slkc.uswest.net (8.6.12/8.6.12) with SMTP id KAA27066 for <aprssig@tapr.org>; Fri, 4 Oct 1996 10:46:31 -0600
Message-ID: <3255401B.4CED@wrq.com>
Date: Fri, 04 Oct 1996 09:49:31 -0700
From: Doug Wetzel <dougwe@wrq.com>
Reply-To: dougwe@wrq.com
Organization: WRQ
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: New address
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those of you who may want to reach me via email, I have moved to Seattle and have the following address:

dougwe@wrq.com

73,
Doug Wetzel
KC7C0

From sproul@ap.org Fri Oct 04 11:50:25 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA10568 for <aprssig@tapr.org>; Fri, 4 Oct 1996 11:50:23 -0500 (CDT)

Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4)
id MAA06288; Fri, 4 Oct 1996 12:45:06 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007800ae7aeca0ddd4@[165.1.27.20]>
In-Reply-To: <199610041522.KAA01831@zeus.ia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 4 Oct 1996 12:34:00 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5374] Newbie with APRS questions

>Greetings all.
>I'm trying to set up my own APRS station but I don't know exactly what
>files to
>download. I'm using a 386DX 40 computer with 6mb RAM. Am using Windows
>3.11 for Workgroups. Can use either windows or DOS. I have a Heathkit HD
>4040 TNC
>running the KISS mode (I think). I am using ProComm Plus software.
>Any help appreciated.
>

WinAPRS does not support Kiss mode, I dont beleive dosAPRS does either.
You will have to take it out of KISS mode, if it does not support non-kiss
mode, it wont work.

WinAPRS will run just fine on your machine running Win 3.11.

Mark

| | |
|---------------------------------|-----------------------|
| Mark Sproul | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press | |
| sproul@ap.org | Work: 609-860-7120 |
| North Brunswick, NJ | Fax: 609-860-7129 |
| http://msproul.rutgers.edu/ | |

From rwf@mindspring.com Fri Oct 04 12:05:02 1996
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA11031 for <aprssig@tapr.org>; Fri,
4 Oct 1996 12:05:01 -0500 (CDT)
Received: from borg.mindspring.com (borg.mindspring.com [204.180.128.14]) by
answerman.mindspring.com (8.7.5/8.7.3) with ESMTP id NAA25080 for
<aprssig@tapr.org>; Fri, 4 Oct 1996 13:05:00 -0400 (EDT)
Received: from rwf.mindspring.com (user-168-121-44-154.dialup.mindspring.com
[168.121.44.154]) by borg.mindspring.com (8.6.12/8.6.12) with SMTP id NAA00817 for
<aprssig@tapr.org>; Fri, 4 Oct 1996 13:04:58 -0400
Message-Id: <2.2.32.19961004133519.0068aa14@atl.mindspring.com>

X-Sender: rwf@atl.mindspring.com (Unverified)
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 04 Oct 1996 09:35:19 -0400
To: aprssig@tapr.org
From: rwf <rwf@mindspring.com>
Subject: Re: [APRSSIG:5368] Re: Baycom as a Wide Digi?

Glad I don't have to pay his electric bill!!!! About \$130.00 / yr to run a PC, I understand

Michael Markman wrote:

But seeing that _old_ computers are next to free (or >even free sometimes) and the Baycom software can run on just about >anything, I should think that using a Baycom for a WIDE would work just fine.

From sproul@ap.org Fri Oct 04 12:53:59 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA13227 for <aprssig@tapr.org>; Fri, 4 Oct 1996 12:53:57 -0500 (CDT)
Received: from [165.1.27.20] by janus.ap.org (SMI-8.6/SMI-SVR4) id NAA11942; Fri, 4 Oct 1996 13:48:36 -0400
X-Sender: sproul@165.1.6.1
Message-Id: <v03007800ae7af9642340@[165.1.27.20]>
In-Reply-To: <3254F35C.4510@co.pinellas.fl.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 4 Oct 1996 13:28:16 -0400
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:5369] Re: Weather Stations Assistance.

>Davis Instruments units are quite capable of APRS interface in versions
>in APRS versions after 7.0....but, you must have a registered version
>with a WX registration number, and you must have the computer interface
>cable from Davis Instruments.

>

>Both DosAPRS and WinAPRS support Davis, but again, only the registered
>versions of same.

>

WRONG, the UN-REGISTERED version of WinAPRS supports the davis instrument EXACTLY the same as the registered version, only thing is you have to rest all of the options each time you run the program

Mark

Mark Sproul | Amateur Radio: KB2ICI
Software Engineer @ Assoc Press |

sproul@ap.org |Work: 609-860-7120
North Brunswick, NJ |Fax: 609-860-7129
<http://msproul.rutgers.edu/>

From wa4mej@juno.com Fri Oct 04 12:57:30 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA13333 for <aprssig@tapr.org>; Fri, 4
Oct 1996 12:57:28 -0500 (CDT)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail)
id NAA22245; Fri, 04 Oct 1996 13:56:01 EDT
To: aprssig@tapr.org
Date: Fri, 4 Oct 1996 12:41:24 PST
Subject: Re: [APRSSIG:5374] Newbie with APRS questions
Message-ID: <19961004.135432.4599.0.wa4mej@juno.com>
References: <199610041522.KAA01831@zeus.ia.net>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,4-9
From: wa4mej@juno.com (john w dent)

hi scott

there are a lot of people some what close to you that can help get you on
APRS if you can't find any one let me know . and i will send you a copy
of APRS then to pay for it you will need to help some other HAM in the
ART of ham radio..

would need your add. and can your system read 1.44 or what..

have fun
john
wa4mej

From wa4mej@juno.com Fri Oct 04 13:17:38 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA13906 for <aprssig@tapr.org>; Fri, 4
Oct 1996 13:17:36 -0500 (CDT)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail)
id OAB28555; Fri, 04 Oct 1996 14:17:24 EDT
To: aprssig@tapr.org
Date: Fri, 4 Oct 1996 14:15:53 PST
Subject: Re: Newbie with APRS questions
Message-ID: <19961004.141557.4599.4.wa4mej@juno.com>
References: <v03007800ae7aeca0ddd4@[165.1.27.20]>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-10
From: wa4mej@juno.com (john w dent)

hi

my name is john , call WA4MEJ you will have a lot of fun with aprs dos
& win
the important thing is use it to the benifit of us all.

if i can help you please let me know.

73
john
wa4mej
wa4mej@juno.com

From dougwe@ccintnet.wrq.com Fri Oct 04 13:35:16 1996
Received: from elmer.wrq.com (elmer.wrq.com [150.215.17.1]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA14551 for <aprssig@tapr.org>; Fri, 4 Oct 1996
13:35:14 -0500 (CDT)
From: dougwe@ccintnet.wrq.com
Received: from ccintnet.wrq.com ([150.215.5.110]) by elmer.wrq.com with SMTP
(1.37.109.20/15.6) id AA158814112; Fri, 4 Oct 1996 11:35:12 -0700
Received: from ccMail by ccintnet.wrq.com (SMTPLINK V2.10.08)
id AA844454244; Fri, 04 Oct 96 10:56:00 PST
Date: Fri, 04 Oct 96 10:56:00 PST
Message-Id: <9609048444.AA844454244@ccintnet.wrq.com>
To: aprssig@tapr.org
Subject: re: [APRSSIG:5379] Re: Baycom as a Wide Digi?

--- This is a reply to message number 506695, posted on 10/04/96 10:44

Yes, Baycom does work as a WIDE. We used one for several months in Utah, but
there is an issue with how many aliases can be used.

Doug
KC7CO

From eac@shore.net Fri Oct 04 15:16:35 1996
Received: from relay1.shore.net (root@relay1.shore.net [192.233.85.129]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA18098 for <Aprssig@Tapr.Org>; Fri, 4
Oct 1996 15:16:32 -0500 (CDT)
Received: from northshore.shore.net (root@shell1.shore.net [192.233.85.1]) by
relay1.shore.net (8.7.5/8.7.3) with ESMTP id QAA18416; Fri, 4 Oct 1996 16:16:30
-0400 (EDT)
Received: from pm4-99 (pm4-99.lynnma.shore.net [204.167.109.99]) by
northshore.shore.net (8.7.5/8.7.3) with SMTP id QAA20189; Fri, 4 Oct 1996 16:16:28
-0400 (EDT)
MIME-Version: 1.0
Date: Fri, 04 Oct 1996 15:23:54 -0400
To: kwi@cc.hut.fi
cc: Bruninga@Nadn.Navy.Mil, Amsat-Bb@Amsat.Org, Aprssig@tapr.org
From: "Eric A. Cottrell" <eac@shore.net>
Subject: Re: 144.3-.5 Mhz Mobile Satellite channels
Message-Id: <844457034-0-eac@shore.net>
X-Mailer: IBM OS/2 Internet Mail Client Support for Lotus Notes
Content-Type: text/plain; charset=ISO-8859-1
Content-Id: <844457034-1-eac@shore.net>
Content-Transfer-Encoding: 8bit

Hello,

One of the early OSCAR satellites had a in-band transponder that used the 144.3 to 144.5 region as well as the 145.8 to 146 region. Very fun to operate with the desense!

There is a tendency for people to hold on to whatever resources they have. If the satellite community is not currently using the 144.3 to 144.5 band and there are no plans for the future use of it, then I think we should "let it go".

73 Eric eac@shore.net

From w5huq@pobox.com Fri Oct 04 16:04:30 1996

Received: from mailhub.southeast.net (root@mailhub.southeast.net [207.98.192.83]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA19535; Fri, 4 Oct 1996 16:04:27 -0500 (CDT)

Received: from jrmoore.ppp.southeast.net (ts10-008.southeast.net [207.98.197.233]) by mailhub.southeast.net (8.7.6/8.6.12) with SMTP id RAA20734; Fri, 4 Oct 1996 17:08:09 -0400 (EDT)

Message-ID: <32557BDD.D81@pobox.com>

Date: Fri, 04 Oct 1996 17:04:29 -0400

From: "John R. Moore" <w5huq@pobox.com>

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org, aprs-fl@tapr.org

Subject: Info on KAM Plus

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I just got a KAM plus and want to use it for a gateway I think it is working right but I am not sure. I have the Mygate set to Gate, and I think I have the unproto string set right but if anyone has seen the signal today and it is wrong please let me know.

Thanks

John W5HUQ

--

ARRL 1997 National Convention Information

<http://www.pobox.com/~w5huq/hamfests.html>

Orange Park Amateur Radio Club Information

<http://www.pobox.com/~w5huq>

From kc5ejk@onramp.net Fri Oct 04 18:10:29 1996

Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA23253 for <aprssig@tapr.org>; Fri, 4 Oct 1996 18:10:27 -0500 (CDT)

Received: from [199.1.11.131] (dal31.onramp.net [199.1.11.131]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id SAA15276 for <aprssig@tapr.org>; Fri, 4 Oct 1996 18:10:23 -0500 (CDT)

Message-Id: <v02140b00ae7b564333c4@[199.1.11.132]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 4 Oct 1996 18:11:32 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: E-MAIL AGENTS

Warning: don't do what COCKERELL_LARRY@Tandem.COM did
and set your E-mail to auto reply with the ORIGINAL ATTACHMENT
when you are out of town.

I hope our server police can prevent us from seeing a reposting copy of the
digest from LARRY'S VACATION AGENT else this
could last until he gets back on October 21

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From wd4cq@juno.com Fri Oct 04 19:19:26 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA25864 for <aprssig@tapr.org>; Fri, 4
Oct 1996 19:19:24 -0500 (CDT)
Received: (from wd4cq@juno.com) by x11.boston.juno.com (queuemail)
id UAA20204; Fri, 04 Oct 1996 20:19:01 EDT
To: aprssig@tapr.org
Subject: Re: APRS FAQ/Tutorial
Message-ID: <19961006.061509.4647.0.WD4CQ@juno.com>
References: <19961002.204325.4607.0.wa4mej@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-6
From: wd4cq@juno.com (Kenneth I Mathews)
Date: Fri, 04 Oct 1996 20:19:01 EDT

Please send a copy .
Ken Mathews, WD4CQ
Route 8 Box 305
Crossville, Tennessee 38555

Thanks & 73's
Ken

From largriff@swta.com Fri Oct 04 21:54:50 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id VAA00303 for <aprssig@tapr.org>; Fri, 4 Oct 1996
21:54:47 -0500 (CDT)
Received: from lub08.onramp.net (lub08.onramp.net [199.1.172.136]) by
mailhost.onramp.net (8.7.3/8.6.5) with SMTP id VAA26043 for <aprssig@tapr.org>;
Fri, 4 Oct 1996 21:54:46 -0500 (CDT)
Received: by lub08.onramp.net with Microsoft Mail
id <01BBB23E.9D7493C0@lub08.onramp.net>; Fri, 4 Oct 1996 21:54:28 -0500
Message-ID: <01BBB23E.9D7493C0@lub08.onramp.net>

From: Larry Griffin <largriff@swta.com>
To: "'APRS SIG'" <aprssig@tapr.org>
Subject: BBS download?
Date: Fri, 4 Oct 1996 21:54:24 -0500
Encoding: 1 TEXT

Is there a BBS (not on the 'net) where one can download APRS?

From ku0g@sprynet.com Fri Oct 04 22:57:30 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA02169 for <aprssig@tapr.org>; Fri, 4 Oct 1996 22:57:28 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.204.74] (dd59-074.compuserve.com [199.174.204.74]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id UAA26279 for <aprssig@tapr.org>; Fri, 4 Oct 1996 20:57:25 -0700
Date: Fri, 4 Oct 1996 20:57:25 -0700
Message-Id: <199610050357.UAA26279@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:5388] BBS download?
To: aprssig@tapr.org
In-Reply-To: <01BBB23E.9D7493C0@lub08.onramp.net>
X-Mailer: SPRY Mail Version: 04.00.06.21

ARN BBS (Maryland) is the main site that APR Bob usually posts to first. The phone number is in the DOWNLOAD.TXT file in the README subdirectory....

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From 72155.1222@CompuServe.COM Sat Oct 05 01:19:14 1996
Received: from arl-img-3.compuserve.com (arl-img-3.compuserve.com [149.174.217.133]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA12872 for <aprssig@tapr.org>; Sat, 5 Oct 1996 01:19:13 -0500 (CDT)
Received: by arl-img-3.compuserve.com (8.6.10/5.950515) id CAA15902; Sat, 5 Oct 1996 02:18:33 -0400
Date: 05 Oct 96 02:00:11 EDT
From: Richard Ball <72155.1222@CompuServe.COM>
To: aprssig <aprssig@tapr.org>
Subject: Garmin45 problem
Message-ID: <961005060011_72155.1222_EHB34-3@CompuServe.COM>

I have a Garmin45 in my car hooked to the car 12v. Do you run it with or without the batteries.

But the problem I had today was that it stopped working. By that I mean I left it running while I went to lunch. When I got back (about 1 1/2 hrs, GOOD lunch) it was flashing 'poor gps coverage' and all the signal strength indicators were gone. I turned it off and back on and got 8 bars right away. I was in a parking lot away from any buildings and had a good view of the sky.

I have thought this has happened before when I have been driving for a couple of hours. I thought i DID lose coverage. Now I am not so sure.

Do I have a bad 45?

Thanks for any info.
Richard N7Rig

From ku0g@sprynet.com Sat Oct 05 04:37:50 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id EAA17258 for <aprssig@tapr.org>; Sat, 5 Oct 1996 04:37:48 -0500 (CDT)
From: ku0g@sprynet.com
Received: from [199.174.204.74] (dd59-074.compuserve.com [199.174.204.74]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id CAA07606 for <aprssig@tapr.org>; Sat, 5 Oct 1996 02:37:44 -0700
Date: Sat, 5 Oct 1996 02:37:44 -0700
Message-Id: <199610050937.CAA07606@m1.sprynet.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Subject: Re: [APRSSIG:5390] Garmin45 problem
To: aprssig@tapr.org
In-Reply-To: <961005060011_72155.1222_EHB34-3@CompuServe.COM>
X-Mailer: SPRY Mail Version: 04.00.06.21

Probably not....I've had the same problem with mine. Sometimes when you lose signal the receiver gets "stupified" and shuts itself down...That's annoying but I think it's probably a normal condition....

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

From largriff@swta.com Sat Oct 05 05:23:52 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA18091 for <aprssig@tapr.org>; Sat, 5 Oct 1996 05:23:51 -0500 (CDT)
Received: from red142.onramp.net (red142.onramp.net [206.104.118.142]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id FAA16050 for <aprssig@tapr.org>; Sat, 5 Oct 1996 05:23:50 -0500 (CDT)
Received: by red142.onramp.net with Microsoft Mail id <01BBB27D.5B6AC280@red142.onramp.net>; Sat, 5 Oct 1996 05:23:35 -0500
Message-ID: <01BBB27D.5B6AC280@red142.onramp.net>
From: Larry Griffin <largriff@swta.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: DOWNLOAD BBS'S FOR APRS
Date: Sat, 5 Oct 1996 05:23:34 -0500
Encoding: 42 TEXT

DOWNLOAD.txt 7.7

DOWNLOAD BBS'S FOR APRS

| | | |
|---------------------|--------------|---------------------------------|
| ARIZONA | 602 938-7528 | N7QVU FIDO FREQ APRS@1:109/239 |
| | 770 778-9198 | Phoenix |
| | 520 778-9198 | WC7R |
| Alabama | 205 444-9638 | Birmingham |
| CALIF, Daly City | 415 359-6985 | KA6EYH |
| Walnut Ck | 510 827-5714 | |
| Walnut Ck | 510 370-0459 | |
| Sacramento | 916 323-4826 | CARES |
| Visalia | 209 625 0618 | N6QOV |
| Calif,south | 818 799-1632 | |
| Georgia ATLANTA | 770 437-1555 | N4NBL, Phil West [Radio Active] |
| Maryland, Annapolis | 410 280-2503 | KE6ET |
| Missouri, KCity | 816 628-5776 | W5GZT |
| Michigan | 810 363-9216 | WD8ARZ |
| OHIO. Columbus | 614 443-4249 | |
| Oregon, Gaston | 503 359-5111 | N7PWF |
| S.CAROLINA | 864-299-6185 | W4VIW's FIDO 1:3639/68 |
| Texas, Dallas | 214 492-7057 | Dallas Remote Imaging Group |
| TORONTO | 905 792-7890 | FIDO NET 161/911 |
| VIRGINIA, Vienna | 703 207-9622 | N4ULS |

INTERNET @tapr.org in the tapr/SIG/aprssiG/files/upload directory
 WEB PAGES <http://web.usna.navy.mil/~bruninga/aprs.html>
<http://www.ccnet.com/~rwilkins/aprs.html> (California)
<http://www.mindspring.com/~rwf/aprs.html> (Atlanta)
<http://www-ns.rutgers.edu/~ksproul/MacAPRS.html> (MAC)
http://overworld.compuserve.com/homepages/APRS_KC
<http://www.sprynet.com/sprynet/ku0g>

FOR MacAPRS contact WU2Z, Keith Sproul, New Brunswick, NJ
 Work Phone: 908 445-3695 Home phone: 908 821-4828
 internet ksproul@noc.rutgers.edu

FOR WinAPRS contact KB2ICI, Mark Sproul,

FOR APRS: Bob Bruninga, WB4APR, 115 Old Farm Ct,
 Glen Burnie, MD 21060

LIVE APRS web site at <http://web.usna.navy.mil/~bruninga/aprs.html>

From snabkey@wingsbbs.com Sat Oct 05 07:17:45 1996
 Received: from wingsbbs.com ([206.250.28.2]) by tapr.org (8.7.5/8.7.3/1.9) with
 SMTP id HAA20229 for <aprssiG@tapr.org>; Sat, 5 Oct 1996 07:17:42 -0500 (CDT)
 Message-Id: <199610051217.HAA20229@tapr.org>
 Received: from inertia.net by wingsbbs.com
 with SMTP (IPAD 1.12) id 1771200 ; Sat, 05 Oct 96 08:28:34 UTC
 Comments: Authenticated sender is <snabkey@wingsbbs.com>
 From: "Sam Nabkey, WJ8T" <snabkey@wingsbbs.com>
 To: aprssiG@tapr.org
 Date: Sat, 5 Oct 1996 08:17:31 -0400
 Subject: Re: [APRSSIG:5390] Garmin45 problem
 Priority: normal

X-mailer: Pegasus Mail for Windows (v2.23)

On 5 Oct 96 at 1:24, Richard Ball wrote:

> I have a Garmin45 in my car hooked to the car 12v. Do you run it
> with or without the batteries.
> But the problem I had today was that it stopped working. By that
> I mean I
> left it running while I went to lunch. When I got back (about 1 1/2
> hrs, GOOD lunch) it was flashing 'poor gps coverage' and all the
> signal strength indicators were gone. I turned it off and back on
> and got 8 bars right away. I was in a parking lot away from any
> buildings and had a good view of the sky.
> I have thought this has happened before when I have been driving
> for a couple
> of hours. I thought i DID lose coverage. Now I am not so sure.
> Do I have a bad 45?
>
> Thanks for any info.
> Richard N7Rig
>
>

I am not clear on if you are running with or without Batterys.

In my experience, the lousy thing needs the Batterys IN and GOOD!
Even if you are running on external power.

Sam

From n2czf@magg.net Sat Oct 05 07:45:43 1996
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id HAA20874 for <aprssig@tapr.org>; Sat, 5 Oct 1996
07:45:41 -0500 (CDT)
Received: from Cybergate (wpb-129.magg.net [205.218.112.129]) by grumpy.magg.net
(8.8.0/8.8.0-Zaph-1) with SMTP id IAA05958 for <aprssig@tapr.org>; Sat, 5 Oct 1996
08:45:38 -0400
Message-Id: <199610051245.IAA05958@grumpy.magg.net>
X-Sender: n2czf@magg.net
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 04 Oct 1996 12:45:54 -0400
To: aprssig@tapr.org
From: n2czf@magg.net (Richard Garcia)
Subject: Re: [APRSSIG:5389] Re: BBS download?

Is that BBS still getting current updates ? I checked in not too long ago
and the current version of APRS was far from current. I quite often would
chose a LL BBS over a TAPR DL if I am short of time if we knew for sure that
they BBS would be updated regularly.

>ARN BBS (Maryland) is the main site that APR Bob usually posts to first. The
>phone number is in the DOWNLOAD.TXT file in the README subdirectory....

>

>Best 73,

>Jim Duncan, KU0G

>APRS--Kansas City Coordinator

>EMail: ku0g@sprynet.com

>

>

73's Rich N2CZF

Jupiter Farms Florida

n2czf@magg.net

(E-Mail)

<http://www.magg.net/~n2czf>

(Personal)

<http://www.magg.net/~n2czf/aprs.html>

(Florida APRS)

<http://www.magg.net/~n2czf/brothers.html> (Brothers to the Rescue Human
Rights Group)

From dvelez@infi.net Sat Oct 05 08:36:12 1996

Received: from mh004.infi.net (mh004.infi.net [198.22.1.119]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id IAA22294 for <aprssig@tapr.org>; Sat, 5 Oct 1996
08:36:10 -0500 (CDT)

Received: from dvelez.infi.net by mh004.infi.net with SMTP

(Infinet-S-3.3) id JAA27145; Sat, 5 Oct 1996 09:36:20 -0400 (EDT)

Message-ID: <3256636B.79B2@infi.net>

Date: Sat, 05 Oct 1996 09:32:27 -0400

From: Daniel Velez <dvelez@infi.net>

Reply-To: dvelez@infi.net

X-Mailer: Mozilla 3.0 (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Pico Packet - questions...

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Pico experts! My PICO w/2nd serial port arrived Thursday and I'm having
a little trouble:

1. As I opened the box, I heard a little clink-a-clink inside the
Pico's enclosure. I opened it up and the ROM dropped out into my hand!
This was an easy fix after a quick call to PacComm confirmed I would do
no harm separating the two circuit boards. It left me with an uneasy
feeling, though.

2. It appears deaf to incoming packets...no DCD light and no packets
being passed to the PC. I'm going to do as the manual says and verify
the cable...I may also try and wire a second cable to my HT to see if
it's a radio-tnc cable problem. It's too bad they eliminated the
loopback feature in the Pico - this would have been helpful. I was
hoping to use this feature to check the modem receive bias adjustment
after verifying the cable. I'm not too hopeful, though, because of #2
below.

3. It also does not see (and doesn't pass to the terminal with ELO) incoming \$GPRMC stings from the Motorola Oncore. I get the "Waiting for GPS data" message at the rate specified by LOCATION (the ONCORE is set up for RMC every second).

4. When I do resolve these problems, I need a little clarification. To use with APRS on the primary serial port and the MOTOROLA on the second, does the TNC forward the GPS data as set by LOC or as asked for by APRS with the LGE \$05? I think I do the following:

| | |
|---------------|---|
| LGE \$05 | (Does this mean I use HSP vice SPM???????) |
| LOC E 0 | (Or do I need to set it to 3 for 30 second reports? I think this is for standalone mode) |
| GPSTE \$GPRMC | (Easy enough) |
| ELO OFF | (I had turned it on to check the GPS data) |
| GPS OFF | (ON for standalone with one serial port?) |

I assume APRS sets the LPATH AND the UNPROTO...

Any suggestions or comments appreciated! I'm going to work on it today before I mail it back on Monday...

73 de Dan

--

Dan

Daniel Velez | Aoooga! Aoooga!
dvelez@infi.net |
N4WZR@WD4MIZ.VA | Dive! Dive! Dive!

From dlm@nr.infi.net Sat Oct 05 09:00:37 1996
Received: from mh004.infi.net (mh004.infi.net [198.22.1.119]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA22739 for <aprssig@tapr.org>; Sat, 5 Oct 1996 09:00:36 -0500 (CDT)
Received: from paldsp4.nr.infi.net by mh004.infi.net with SMTP (Infinet-S-3.3) id KAA31372; Sat, 5 Oct 1996 10:00:45 -0400 (EDT)
Date: Sat, 5 Oct 1996 10:00:45 -0400 (EDT)
Message-Id: <199610051400.KAA31372@mh004.infi.net>
X-Sender: dlm@mailhost.nr.infi.net
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: dlm@nr.infi.net (Dan McMillin)
Subject: Mapngo

The Mapngo CD-Rom box say that it accepts GPS input. Anyone have any experience with Mapngo? Please reply direct dlm@nr.infi.net.

Thanks

From dwittich@concentric.net Sat Oct 05 09:54:25 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA24563 for <aprssig@tapr.org>; Sat, 5 Oct 1996 09:54:23 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id KAA28831; Sat, 5 Oct 1996 10:54:21 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: <dwittich@concentric.net>

Received: from witticd.USFG.COM (cnc041067.concentric.net [206.173.33.67])
by cliff.cris.com (8.7.5)
id KAA08972; Sat, 5 Oct 1996 10:54:18 -0400 (EDT)

Message-Id: <1.5.4.32.19961005145448.0067efd0@pop3.concentric.net>

X-Sender: dwittich@pop3.concentric.net (Unverified)

X-Mailer: Windows Eudora Light Version 1.5.4 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sat, 05 Oct 1996 10:54:48 -0400

To: aprssig@tapr.org

From: Doug Wittich <dwittich@concentric.net>

Subject: Re: [APRSSIG:5388] BBS download?

At 10:01 PM 10/4/96 -0500, you wrote:

>Is there a BBS (not on the 'net) where one can download APRS?

410-252-6238, the W3FT bbs, 14400 bps.

410-256-0170, the Wit-Tech BBS, 33+kbps.

Free downloads available on first call on both. Leave a note to sysop at
signoff that you read about it here :-)

From w5huq@pobox.com Sat Oct 05 10:01:31 1996

Received: from mailhub.southeast.net (root@mailhub.southeast.net [207.98.192.83])
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA24647 for <aprssig@tapr.org>; Sat,
5 Oct 1996 10:01:29 -0500 (CDT)

Received: from jrmoore.ppp.southeast.net (ts10-025.southeast.net [207.98.197.250])
by mailhub.southeast.net (8.7.6/8.6.12) with SMTP id LAA17248 for
<aprssig@tapr.org>; Sat, 5 Oct 1996 11:05:16 -0400 (EDT)

Message-ID: <3256783B.4690@pobox.com>

Date: Sat, 05 Oct 1996 11:01:15 -0400

From: "John R. Moore" <w5huq@pobox.com>

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5388] BBS download?

References: <01BBB23E.9D7493C0@lub08.onramp.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Yes try Ham Haven BBS at 904-269-6249 in the download section
subdirectory 24 25 and 26

John W5HUQ

--

ARRL 1997 National Convention Information
<http://www.pobox.com/~w5huq/hamfests.html>

Orange Park Amateur Radio Club Information
<http://www.pobox.com/~w5huq>

From jclakeland@ucdavis.edu Sat Oct 05 11:04:47 1996
Received: from franc.ucdavis.edu (root@franc.ucdavis.edu [128.120.8.183]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA26672 for <aprssig@tapr.org>; Sat, 5 Oct 1996 11:04:43 -0500 (CDT)
Received: from DialupEudora by franc.ucdavis.edu (8.7.5/UCD3.5.8) id JAA14249; Sat, 5 Oct 1996 09:04:35 -0700 (PDT)
Message-Id: <199610051604.JAA14249@franc.ucdavis.edu>
X-Sender: szlakela@peseta.ucdavis.edu
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 5 Oct 1996 09:04:26 -0800
To: aprssig@tapr.org
From: jclakeland@ucdavis.edu (John Lakeland)
Subject: serial data aquisition

Hi all,

Below is a letter I sent to the Sprouls. Kinda wonder what the rest of you might think.

Gentlmen,

Would you consider including support for a serial data aquisition device in Mac APRS and I suppose Win APRS (I'm a Mac user by preference). The idea is to have a universal interface for analog signals from any type of instrument instead of only certain commercial weather stations. This would allow Hams to develop their own weather stations, seismometers, radiation monitors etc. I proposed such a device and associated software support in the sig and one of the guys pointed out the existence of data aquisition boards/boxes with RS232 interface that are available from various manufacturers. I suppose it would be a good idea to evaluate the various available products and choose one that is suitable, economical and stable in terms of future availability.

This would open up one of the nicest features of APRS to an unlimited range of uses. Many of us are experienced enough in analog electronics to experiment with the necessary instruments, and what is developed could be published on the sig and elsewhere for others to duplicate.

Regards John Lakeland kc6v1r

From jm1@webspan.net Sat Oct 05 11:37:04 1996
Received: from mail2.webspan.net (mail2.webspan.net [206.154.70.7]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA27538 for <aprssig@tapr.org>; Sat, 5 Oct 1996 11:36:56 -0500 (CDT)
Received: from orion.webspan.net (root@orion.webspan.net [206.154.70.41]) by mail2.webspan.net (8.7.5/8.7.3) with ESMTP id MAA06595 for <aprssig@tapr.org>; Sat, 5 Oct 1996 12:36:52 -0400 (EDT)
Received: from [38.10.232.247] (ip247.stamford.ct.interramp.com [38.10.232.247])

by orion.webspan.net (8.7.5/8.6.12) with SMTP id MAA27451
for <aprssig@tapr.org>; Sat, 5 Oct 1996 12:36:35 -0400 (EDT)
Message-Id: <v01510100ae7c04367ea6@[38.10.232.149]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 5 Oct 1996 12:38:15 +0000
To: aprssig@tapr.org
From: jm1@webspan.net (Jay Millard)
Subject: Re: [APRSSIG:5395] Pico Packet - questions...

Dan Velez asked of the SIG:

>Pico experts! My PICO w/2nd serial port arrived Thursday and I'm having
>a little trouble:

<little snip>

I hope to get mine back from Paccomm via overnight on Tuesday, they have
had it back in their shop for a week and as of Friday it was "cooking"
according to Linda there. Had only used it for a week when it headed
South, with me still here.

My TNC's problems had to do with its inability to initialize properly.
However, in my search for info from others in this area using one, I found
that it might be important to NOT run it near the top of its voltage range,
i.e. 13.5 volts, because it MIGHT act erratic. I spoke with two hams who
are running it at 7.5 volts.

>2. It appears deaf to incoming packets...no DCD light and no packets
>being passed to the PC. I'm going to do as the manual says and verify
>the cable...I may also try and wire a second cable to my HT to see if
>it's a radio-tnc cable problem. It's too bad they eliminated the
>loopback feature in the Pico - this would have been helpful. I was
>hoping to use this feature to check the modem receive bias adjustment
>after verifying the cable. I'm not too hopeful, though, because of #2
>below.

The manual notes that if it appears to be dead, use the backslash command.
And I trust that you meant #3 below.
>

>3. It also does not see (and doesn't pass to the terminal with ELO)
>incoming \$GPRMC stings from the Motorola Oncore. I get the "Waiting for
>GPS data" message at the rate specified by LOCATION (the ONCORE is set
>up for RMC every second).

The way that I understand it, and I was running it for a short time, before
it stopped working, with MacAPRS 2.6.0 is that you specify in the APRS
software which string LTEXT the TNC is looking for from the GPS be it GGA
or RMC. The TNC upon seeing that string will load it into the text buffer,
and according to the interval setting, dump that buffer's contents out to
be transmitted.

>

>4. When I do resolve these problems, I need a little clarification. To

>use with APRS on the primary serial port and the MOTOROLA on the second,
>does the TNC forward the GPS data as set by LOC or as asked for by APRS
>with the LGE \$05? I think I do the following:
>
> LGE \$05 (Does this mean I use HSP vice SPM???????)
> LOC E 0 (Or do I need to set it to 3 for 30 second reports?)
> I think this is for standalone mode)
> GPSTE \$GPRMC (Easy enough)
> ELO OFF (I had turned it on to check the GPS data)
> GPS OFF (ON for standalone with one serial port?)
>
> I assume APRS sets the LPATH AND the UNPROTO...
>
>Any suggestions or comments appreciated! I'm going to work on it today
>before I mail it back on Monday...

Perhaps this will help, I of course, am still learning myself and yield willingly to others with more experience who can only help me with their replies as well!
Good luck.

Jay Millard
Harmill Communications Inc.
** Amateur Radio Station KD1LY **
Darien, Connecticut 06820

From wa4mej@juno.com Sat Oct 05 13:36:00 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA00916 for <aprssig@tapr.org>; Sat, 5 Oct 1996 13:35:59 -0500 (CDT)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail) id OAB03467; Sat, 05 Oct 1996 14:35:53 EDT
To: aprssig@tapr.org
Date: Sat, 5 Oct 1996 12:28:52 PST
Subject: Re: BBS download?
Message-ID: <19961005.143441.4607.1.wa4mej@juno.com>
References: <3256783B.4690@pobox.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-6
From: wa4mej@juno.com (john w dent)

hi john
tks for that info is just what i was looking for ..
you look good on APRS vhf..

73
john
wa4mej/ hilliard,fl

From sdimse@bridge.net Sat Oct 05 13:43:12 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA01041 for <aprssig@tapr.org>; Sat, 5 Oct 1996

13:43:07 -0500 (CDT)
Received: from (ppp-mia3-114.bridge.net [204.253.4.114]) by bridge.net
(8.7.5/8.7.3) with SMTP id OAA01861 for <aprssig@tapr.org>; Sat, 5 Oct 1996
14:38:56 -0400 (EDT)
Message-Id: <199610051838.OAA01861@bridge.net>
Subject: HF digis
Date: Sat, 5 Oct 96 14:43:14 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Hello to all...

I'm back in Miami after a long and enjoyable trip. I will write up a bunch of observations on APRS as I get time, but there is one which I want to start with now, the subject of HF digis.

As I understand it, the original plan of Bob's (Bob...correct me if I'm wrong) was to have all HF stations respond to the alias of ECHO, just as all VHF stations should respond to RELAY. There seems to be quite a few stations lately using GATE, RELAY or WIDE as HF aliases. As people have done this, others are setting their paths to RELAY or WIDE to take advantage of these HF digis. Is there a reason for this that I missed?

For most of my trip, I ran a path of ECHO,GATE,WIDE. Normally this would have created a lot of QRM, but with the decline of the use of ECHO, it seemed to work reasonably well. Several times during the trip I tried to figure out who was hearing me direct so I could put specific calls in my HF path, but I was never able to get good responses. There are a couple of points I'd like to propose for discussion.

1. Should base stations be discouraged from using generic paths on HF? I think so...it is fine to use a single, specific call as a digi, but there is plenty of time when you are "driving" a desk to figure out where propagation is good, and set your path accordingly.

2. Should HF mobiles be allowed to use generic aliases? Again, I think so. I had enough to worry about without trying to change my HF path 3 or 4 times a day to follow propagation. Using ECHO did not seem to cause QRM that I heard...when it sounded like someone was echoing my signal, I was almost always able to decode it, and only rarely was there more than a single echo of my packet. (Anyone have different observations? However, if everyone had been set up as ECHO, the QRM would have been excessive, so:

3. Should there be an HF digi system analogous to the WIDE system of VHF? In my travels, I found a few stations with consistently good signals around the country (e.g. W7LUS, N0AN, N2CZF, WB6LPG). I think a handful of carefully picked stations, with an alias of, say HFWIDE, might be a good way to digi mobile signals without excessive QRM.

4. Should everyone be using a single alias (i.e. ECHO) and drop the use of WIDE, GATE, and RELAY? I think so...am I missing something?

Finally, to anyone planning a cross country trip: if there is any way, take HF. Probably less than 5% of my trip included VHF coverage, I would have had a disappointing time if I was not on HF. The HF gate in Atlanta went down before I got to Seattle, but until that point the use of javAPRS and WA4DSY's server worked well, my YL and mother loved watching me travel. My mother wanted to know why I didn't write javAPRS when I was 16 and she really needed it!

From wn7c@juno.com Sat Oct 05 13:48:00 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA01253 for <aprssig@tapr.org>; Sat, 5 Oct 1996 13:47:57 -0500 (CDT)
Received: (from wn7c@juno.com) by x11.boston.juno.com (queuemail) id OAB12948; Sat, 05 Oct 1996 14:47:27 EDT
To: aprssig@tapr.org
Subject: W4PVI@W4PVI
Message-ID: <19961005.145532.11414.1.wn7c@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-41
From: wn7c@juno.com (Larry Shotwell)
Date: Sat, 05 Oct 1996 14:47:27 EDT

The following message originated on the amateur radio packet bbs system and has been translated to internet mail by the WN7C gateway. You may use the reply command to reply to this message and your reply will be resent on the packet radio system. The title of the message must contain the packet radio address. The message must be addressed to wn7c@juno.com. For more info see my WWW page at <http://www.bright.net/~pony/>

From packet: W4PVI@W4PVI
To Internet: aprssig@tapr.org

Wanted to know if I could reach you at this address. Do you have another one.

I left message at W3ADO where to send the stuff, but I forgot what address I gave you. If it hasn't already been sent, then use this address.

Gene Beaver

co/ David Yarbrough

4114 Linden Rd.

Durham, N.C. 27705

If it has been sent, don't worry, I'll get it. Just tell me where it went.

I think I actually learned a couple of things when you were here, but a lot of it slipped by. Like I can't get the TNC to come up using the key stokes you used, so I missed something. The baud rate between comp and tnc is the problem with this AEA232. I'm looking seriously at a KAM+ so I can GATE.

Cheers, Gene

From bruninga@nadm.navy.mil Sat Oct 05 16:42:36 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA05755 for <aprssig@tapr.org>; Sat, 5 Oct 1996 16:42:34 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id RAA29169 for <aprssig@tapr.org>; Sat, 5 Oct 1996 17:47:38 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Sat, 5 Oct 1996 17:47:38 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5399] serial data aquisition
In-Reply-To: <199610051604.JAA14249@franc.ucdavis.edu>
Message-ID: <Pine.GSO.3.95.961005173430.28746D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 5 Oct 1996, John Lakeland wrote:

> Would you consider including support for a serial data aquisition
> device in Mac APRS and I suppose Win APRS (I'm a Mac user by preference).
> The idea is to have a universal interface for analog signals from any type
> of instrument instead of only certain commercial weather stations. This
> would allow Hams to develop their own weather stations, seismometers,
> radiation monitors etc.

APRSDos REPLY/COMMENT: Its all done already. Its called the APRS MIM module. It is a complete data aquisition on a chip which takes 5 chaannels of analog signals and 8 bits of digital data and sends periodic APRS telemetry packets at any rate from 1 second to 9 hours. It costs \$89 plus \$5 S&H. See TELEMTRY.TXT. By being a stand alone system, you dont havce to tie up a PC. a MAC or anything...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From foga@foothill.net Sat Oct 05 21:40:59 1996

Received: from ns1.foothill.net (ns1.foothill.net [206.170.175.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA14092 for <aprssig@tapr.org>; Sat, 5 Oct 1996 21:40:56 -0500 (CDT)

Received: from yosemite-d38.foothill.net (yosemite-d38.foothill.net [207.104.160.38]) by ns1.foothill.net (8.6.9/8.6.12) with SMTP id TAA26509 for <aprssig@tapr.org>; Sat, 5 Oct 1996 19:43:46 -0700

Date: Sat, 5 Oct 1996 19:43:46 -0700

Message-Id: <199610060243.TAA26509@ns1.foothill.net>

X-Sender: foga@foothill.net

X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: foga@foothill.net (DAN FOGARD)

Subject: Re: [APRSSIG:5400] Re: Pico Packet - questions...

>Dan Velez asked of the SIG:

>

>>Pico experts! My PICO w/2nd serial port arrived Thursday and I'm having

>>a little trouble:

>

><little snip>

>

>I hope to get mine back from Paccomm via overnight on Tuesday, they have

>had it back in their shop for a week and as of Friday it was "cooking"

>according to Linda there. Had only used it for a week when it headed

>South, with me still here.

>

>My TNC's problems had to do with its inability to initialize properly.

>However, in my search for info from others in this area using one, I found

>that it might be important to NOT run it near the top of its voltage range,

>i.e. 13.5 volts, because it MIGHT act erratic. I spoke with two hams who

>are running it at 7.5 volts.

>

SNIP

I run mine at 10.5 v with no troubleI have never trusted the manual that says it is good to 13.5.....I also back it off to take care of any v spikes that might occur on/off of the power supply. I also used a battery supply that I made up from AA cells and it starts at 10.5 v and runs down to about 6.0 v over three days running and then things start to fall apart.

Dan

W6PRL GRASS VALLEY CA.

From moyers@vic.com Sat Oct 05 22:38:12 1996

Received: from gatekeeper.vic.com (root@gatekeeper.vic.com [206.31.139.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA15808 for <aprssig@tapr.org>; Sat, 5 Oct 1996 22:38:10 -0500 (CDT)

From: moyers@vic.com

Received: from mail.vic.com (smokyR36.vic.com [206.31.139.236]) by

gatekeeper.vic.com (8.6.12/8.6.9) with SMTP id XAA20990 for <aprssig@tapr.org>;

Sat, 5 Oct 1996 23:35:20 -0400

Message-Id: <199610060335.XAA20990@gatekeeper.vic.com>
Priority: Normal
X-Mailer: Post Road Mailer (Green Edition Ver 2.0)
Date: Sat, 5 Oct 1996 23:39:09 EDT
Reply-To: N4QEA <moyers@vic.com>
Subject: Re: [APRSSIG:5170] Re: X-1J4 (NODE) Question
Apparently-To: <aprssig@tapr.org>

** Reply to note from aprssig@tapr.org Fri, 27 Sep 1996 10:42:46 -0500 (CDT)

>

> On Thu, 26 Sep 1996 mark.endicott@nashville.com wrote:

>

> > Nashville has a little problem that we need some help with. > couple more in the area. The

> problem is that the digi's > that are running X-1J4 firmware turn to "gray" after few > hours. I

> use the term "gray" loosely, the star becomes a

>

> APRSdos REPLY/COMMENT: Send me a copy of the *raw* packet being beacond by that digi. If the

> installer has placed a DATE/TIME in the packet then he is doing it wrong. The packet must begin with

> !LAT/LONG... There is *no* date-time field in a digipeater posit report.

>

> Reply mail addr: wb4apr@amsat.org See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

>

>

Bob this has been a problem with APRS and TheNet from the beginning. In fact you used to mention it

in the docs about digi's and using TheNet. The problem is coming from the Node's always sticking

TheNet:callsign as the first thing in a beacon. Since this is hardcoded into the firmware YOU had to

change aprs to look !LAT/LONG at any point in the string instead of as the first thing in the string.

Remember???? The turning to Gray of THENET NODES has ALWAYS been a problem. I asked for a fix for

this many years ago, and now we are rehashing the problem. Yes it would be easy for no one to use

TheNet. But, I for one like the remote control capabilities and multi aliases that X1J provides.

Yes, I could go out and BUY new Kantronics tnc's with some of these capabilities and would even be

able to beacon the node farther than one wide away. But Why go spend money on new tnc's when the

one's I have are TAPR clones and X1J is freeware? The easiest to do is to tolerate the fade to

gray or for one station close the node to hook it and uplink the digi to the rest of the network.

Hooking and uplinking solves of the problems with X1J, first it gets seen farther that one wide hop

away and it stays green.

73 de John N4QEA

John Moyers N4QEA
PACKET - N4QEA @ N4QEA.#METN.TN.USA.NA
INET - moyers@vic.com
Cruise Missile - 36 02.86N 083 55.40W A=0001100

From aprs@juno.com Sat Oct 05 23:18:25 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA17254 for <aprssig@tapr.org>; Sat, 5
Oct 1996 23:18:23 -0500 (CDT)
Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail)
id AAB12624; Sun, 06 Oct 1996 00:17:32 EDT
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5395] Pico Packet - questions...
Message-ID: <19961005.204558.9118.1.aprs@juno.com>
References: <3256636B.79B2@infi.net>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0,2-14,16-23,28-42,44
From: aprs@juno.com (ap rs)
Date: Sun, 06 Oct 1996 00:17:32 EDT

On Sat, 5 Oct 1996 08:48:33 -0500 (CDT) Daniel Velez <dvelez@infi.net>
writes:

>
>does the TNC forward the GPS data as set by LOC or as asked for by
>APRS
>with the LGE \$05?

Both, depending on how long it has been since an HSP toggle was done.

> I think I do the following:
>
> LGE \$05 (Does this mean I use HSP vice SPM???????)

Yes. you can check it by going to O C T terminal mode and entering CTL
E. You should see a posit on the terminal each time.

> LOC E 0 (Or do I need to set it to 3 for 30 second
>reports?

I set mine to 40

This sets it to report every 40 time intervals (can't remember if the
intervals are 10 seconds each, I think they are). It is used only the
TNC isn't seeing an GPS posit request (LGE) at least once during that
interval. LOC is refreshed each time the APRS program requests the GPS
posit.

Good Luck

Ralph

```
> I think this is for standalone mode)
> GPSTE $GPRMC (Easy enough)
> ELO OFF (I had turned it on to check the GPS data)
> GPS OFF (ON for standalone with one serial port?)
>
> I assume APRS sets the LPATH AND the UNPROTO...
>
```

Mine runs fine straight off the van's electrical system, no special voltage dropping is done.

From scottm@telis.org Sun Oct 06 00:46:52 1996
Received: from homeroom.telis.org (homeroom.telis.org [204.71.75.151]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA26786 for <aprssig@tapr.org>; Sun, 6 Oct 1996 00:46:46 -0500 (CDT)
Received: from 206.99.70.67 (s08-pm02-novat-t.telis.org [206.99.70.67]) by homeroom.telis.org (8.7.5/8.7.3) with SMTP id WAA20871 for <aprssig@tapr.org>; Sat, 5 Oct 1996 22:46:30 -0700 (PDT)
Message-ID: <3257482B.3BC@telis.org>
Date: Sat, 05 Oct 1996 22:48:26 -0700
From: scott miller <scottm@telis.org>
X-Mailer: Mozilla 3.0b8Gold (Macintosh; I; 68K)
MIME-Version: 1.0
To: aprssig <aprssig@tapr.org>
Subject: PICO
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

concerning the PICO set LOC 3, for 30 sec. you must also set "LPATH aprs v wide,wide" or whatever path u want but don't forget the "aprs v". Also I have to OCT to command mode and check LOC if it has reverted to 0 then LPATH has to be reset also hope this is some help 73 Scott Miller KE6RKE in Tahoe City,Ca.

From kf4dys@juno.com Sun Oct 06 06:23:55 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA03931 for <aprssig@tapr.org>; Sun, 6 Oct 1996 06:23:53 -0500 (CDT)
Received: (from kf4dys@juno.com) by x4.boston.juno.com (queuemail) id HAA19902; Sun, 06 Oct 1996 07:23:51 EDT
To: aprssig@tapr.org
Date: Sun, 6 Oct 1996 06:18:22 PST
Subject: zulu time problem
Message-ID: <19961006.061825.7703.0.kf4dys@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-25
From: kf4dys@juno.com (Joe Foor)

Hi Bob;

It appears the dead reckoning of 77b is way off.

Tracking tropical disturbance 10, with an inputed position of 2448.00, 09424.00 and cse/spd of 100/006 at 060300z, the position 7 hours later was only dead reckoned for 13 miles movement instead of 42.

Oops... Just checked again, to make sure it is still messing up an hour after the 060900z update. Aprs did not appear to be dead reckoning any movement at all. Checked the data line and found the time has gone in as 060900Z. Re-entered the data and it happened again. Tried repeatedly for 15 minutes, even deleting the storm so I could start out with a blank line and restarting the software several times. Every time I entered the lower case z for zulu time, APRS converted it to upper case.

I used the (M)ap, (P)lot, (R)ange function, to eyeball the correct current storm position. Then re-entered the data with the time as "now" and thirty minutes later, the deadreckoning is looking fine.

regards,
Joe

From schiers@ames.net Sun Oct 06 08:33:50 1996
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA07116 for <aprssig@tapr.org>; Sun, 6 Oct 1996 08:33:45 -0500 (CDT)
From: schiers@ames.net
Message-Id: <199610061333.IAA07116@tapr.org>
Received: from [206.29.126.237] by ames.net id 43f10.wrk; Sun, 6 Oct 1996 08:31:36 -0600
Date: Sat, 05 Oct 96 17:46:42 -0500
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5390] Garmin45 problem
In-Reply-To: <824657@bbs.ames.net>
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.14

In <824657@bbs.ames.net>, on 10/05/96 at 01:26 AM,
aprssig@tapr.org said:

> I
> left it running while I went to lunch. When I got back (about 1 1/2 hrs,
> GOOD lunch) it was flashing 'poor gps coverage' and all the signal
> strength indicators were gone. I turned it off and back on and got 8
> bars right away. I was in a parking lot away from any buildings and had
> a good view of the sky.

I don't know of anyone who hasn't had this problem at one time or another.

Message-ID: <19961006.081812.6766.1.aprs@juno.com>
References: <3257482B.3BC@telis.org>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 3-4,7-9,11-14,16,18
From: aprs@juno.com (ap rs)
Date: Sun, 06 Oct 1996 11:49:39 EDT

Scott - I think that setting LOC to 3 will really cause a lot of saturation on a busy local net! Whenever APRS is not running, or the serial cable is unplugged, you'll be beaconing every 30 seconds. This is pretty often, especially on a WIDE, WIDE path!

LOC only comes into play when the TNC doesn't see a posit request from the HSP toggle in APRS every LOC duration. Then it turns into a tracker, beaconing every LOC interval, thru the LPATH route.

In our area, we try to encourage unattended trackers to beacon no more often than every 4 minutes or so, and even that is too often many times.

Ralph.

Juno address is only used for posting via 800 number when I am on the road.

Pls direct personal responses to rwf@mindspring.com, which is forwarded to the Juno account.

From rsellers@firecraker.com Sun Oct 06 12:26:48 1996
Received: from rockford.com (www.fed.net [199.190.124.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA13359 for <aprssig@tapr.org>; Sun, 6 Oct 1996 12:26:31 -0500 (CDT)
Date: Sun, 6 Oct 1996 12:26:31 -0500 (CDT)
Message-Id: <199610061726.MAA13359@tapr.org>
X-ROUTED: Sun, 6 Oct 1996 12:26:48 -0500
Received: from RSELLERS [199.190.124.20] by rockford.com with smtp id AMBJCEBP ; Sun, 6 Oct 1996 12:25:36 -0500
X-Sender: rsellers@rockford.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: rsellers@firecraker.com (Roger Sellers)
Subject: Re: [APRSSIG:5287] APRS HF Dedicated Xcvr: FCC Part 15

>
>I'd still like to know how many APRS'ers would want to spend the \$199 for a
>single channel, single band, low power, FSK only, HF data radio.
>
>73
>
>John...
>WB4LNM
>

>
>
I'd most likely be interested.

73,
Roger Sellers
Amateur Radio: KB9LBU
E-Mail Home: rsellers@rockford.com
 kb9lbu@juno.com
E-Mail Work: rsellers@snds.com

From foga@foothill.net Sun Oct 06 12:56:53 1996
Received: from ns1.foothill.net (ns1.foothill.net [206.170.175.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id MAA14157 for <aprssig@tapr.org>; Sun, 6 Oct 1996
12:56:51 -0500 (CDT)
Received: from yosemite-d34.foothill.net (yosemite-d34.foothill.net
[207.104.160.34]) by ns1.foothill.net (8.6.9/8.6.12) with SMTP id KAA20249 for
<aprssig@tapr.org>; Sun, 6 Oct 1996 10:59:50 -0700
Date: Sun, 6 Oct 1996 10:59:50 -0700
Message-Id: <199610061759.KAA20249@ns1.foothill.net>
X-Sender: foga@foothill.net
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: foga@foothill.net (DAN FOGARD)
Subject: Re: [APRSSIG:5407] Re: Pico Packet - questions...

>
>On Sat, 5 Oct 1996 08:48:33 -0500 (CDT) Daniel Velez <dvelez@infi.net>
>writes:
>>snip
>>

>

>
>Mine runs fine straight off the van's electrical system, no special
>voltage dropping is done.
>
>RALPH DO YOU TAKE ANY PRECAUTIONS WHEN STARTING THE VAN TO ELIMINATE SPIKES?

DAN W6PRL
>

From dvelez@infi.net Sun Oct 06 13:00:27 1996
Received: from mh004.infi.net (mh004.infi.net [198.22.1.119]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA14258 for <aprssig@tapr.org>; Sun, 6 Oct 1996
13:00:25 -0500 (CDT)
Received: from dvelez.infi.net by mh004.infi.net with SMTP
(Infinet-S-3.3) id OAA08925; Sun, 6 Oct 1996 14:00:34 -0400 (EDT)

Message-ID: <3257F0EC.E84@infi.net>
Date: Sun, 06 Oct 1996 13:48:28 -0400
From: Daniel Velez <dvelez@infi.net>
Reply-To: dvelez@infi.net
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5412] Re: PICO
References: <19961006.081812.6766.1.aprs@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ralph (ap rs) wrote:

>

> Scott - I think that setting LOC to 3 will really cause a lot of
> saturation on a busy local net! Whenever APRS is not running, or the

Ralph, you're right, but here in Norfolk there are only four of us and
we've yet to install a WIDE :) I was using the number as an example.

BTW, boxed up the Pico to send it back...hopefully there will be a quick
turnaround so I can get back on the air.

Could one of the Pico users (or maybe Bob) clarify:

- Does the GPS forward posit data at the rate set by LOC or by APRS'
POSRATE or _both_? Someone mentioned "both" but I wanted to be sure.
- Operation is in HSP mode, right?
- Does HSP force a transmission as well as get the current posit with the
LGET \$05 (F8)?
- Is APRS issuing the LGET to get the data at the POSRATE rate?
- Does APRS set up the LPATH _and_ UNPROTO???

As you can see, I'm trying to figure out the sequence of events to
determine how and how often APRS gets posit data from the Pico. Then
I'm trying to understand when APRS transmits (does it transmit old or
new data?).

Dan

Daniel Velez | Aoooga! Aoooga!
dvelez@infi.net |
N4WZR@WD4MIZ.VA | Dive! Dive! Dive!

From kb6lfm@ix.netcom.com Sun Oct 06 14:58:24 1996
Received: from dfw-ix9.ix.netcom.com (dfw-ix9.ix.netcom.com [206.214.98.9]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id 0AA18182 for <aprssig@tapr.org>; Sun, 6
Oct 1996 14:58:22 -0500 (CDT)
From: kb6lfm@ix.netcom.com
Received: from ala-ca9-32.ix.netcom.com (kb6lfm@ala-ca9-32.ix.netcom.com
[207.93.143.96]) by dfw-ix9.ix.netcom.com (8.6.13/8.6.12) with SMTP id MAA24499
for <aprssig@tapr.org>; Sun, 6 Oct 1996 12:57:49 -0700

Message-ID: <32580EE0.13C8@ix.netcom.com>
Date: Sun, 06 Oct 1996 12:56:16 -0700
X-Mailer: Mozilla 2.01E-NC250 (Win95; U; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5413] Re: APRS HF Dedicated Xcvr: FCC Part 15
References: <199610061726.MAA13359@tapr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roger Sellers wrote:

>
> >
> >I'd still like to know how many APRS'ers would want to spend the \$199 for a
> >single channel, single band, low power, FSK only, HF data radio.
> >
> >73
> >
> >John...
> >WB4LNM
> >
> >
> >
> I'd most likely be interested.
>
> 73,
> Roger Sellers
> Amateur Radio: KB9LBU
> E-Mail Home: rsellers@rockford.com
> kb9lbu@juno.com
> E-Mail Work: rsellers@snds.com

Only 1 question John. How low in power?

If the units put out 50W (PEP) I'll take 2 please!

Bill kb6lfm@ix.netcom.com

From kj5hx@juno.com Sun Oct 06 15:13:31 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA18628 for <aprssig@tapr.org>; Sun, 6
Oct 1996 15:13:29 -0500 (CDT)
From: kj5hx@juno.com
Received: (from kj5hx@juno.com) by x4.boston.juno.com (queuemail)
id QAA27826; Sun, 06 Oct 1996 16:11:35 EDT
To: aprssig@tapr.org
Date: Sun, 6 Oct 1996 15:06:47 CST
Subject: aprssig
Message-ID: <19961006.150038.4831.1.kj5hx@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-1,3-5

Hope I am sending this to the right place. Don't have Internet.

Could someone tell me what BBS to download the latest APRS program,I am trying to get set up again after the big puter crash.

Thanks for any Info and suggestions any other Hints would be nice too.

Ed

From elmartin@iamerica.net Sun Oct 06 15:36:03 1996

Received: from ns2.iamerica.net (ns2.iamerica.net [205.173.248.33]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA19545 for <aprssig@tapr.org>; Sun, 6 Oct 1996 15:36:01 -0500 (CDT)

Received: from zeus (iad_ppp0416.iamerica.net [205.173.253.169]) by ns2.iamerica.net (8.6.13/950817.04ccg) with SMTP id PAA01713 for <aprssig@tapr.org>; Sun, 6 Oct 1996 15:36:55 -0500

Message-Id: <1.5.4.32.19961006213551.0067ce70@mailhost.iamerica.net>

X-Sender: elmartin@mailhost.iamerica.net

X-Mailer: Windows Eudora Light Version 1.5.4 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sun, 06 Oct 1996 15:35:51 -0600

To: aprssig@tapr.org

From: "Eric L. Martin" <elmartin@iamerica.net>

Subject: Re: [APRSSIG:5415] Re: PICO

At 01:07 PM 10/6/96 -0500, you wrote:

> Could one of the Pico users (or maybe Bob) clarify:

>

>-Does the GPS forward posit data at the rate set by LOC or by APRS'

>-POSRATE or _both_? Someone mentioned "both" but I wanted to be sure.

Yes and no. If ELOC is ON, then the Pico will dump the current LTEXT buffer to the RS-232-1

port at the rate determined by the LOC command. If ELOC is OFF, then the Pico will send a packet with the LTEXT buffer using the path in LPATH.

However, if Aprs requests for the latest fix using the character defined in the LGETCHAR command, then the pico will dump the LTEXT buffer to the RS-232-1 port and reset the LOC timer regardless of the ELOC command. So, if your Pico is set to send its own beacons every 5 minutes and Aprs retrieves a Gps fix every 4

minutes, then only Aprs will send gps beacons every 4 minutes while Aprs is on. When Aprs is turned off, the Pico will send Gps beacons every 5 minutes. You can set the position report rates to whatever you choose, but the LOC command must be longer than the time between Aprs retrieving Gps fixes in order for it to work as described.

>-Operation is in HSP mode, right?

I'm not sure, as I don't fully understand how HSP works. Maybe your answer is above. If someone could point me where to look for info on HSP, I would be grateful.

>-Does HSP force a transmission as well as get the current posit with the

>LGET \$05 (F8)?

When the Pico receives the character in LGETchar, it will send the LTEXT buffer to Aprs on the RS-232-1 port, but the Pico won't send a packet by itself.

>-Is APRS issuing the LGET to get the data at the POSRATE rate?

I don't use DosAprs, so I'm not totally sure, but that sounds right to me.

>-Does APRS set up the LPATH _and_ UNPROTO???

DosAprs will set your UNPROTO, but I don't think it will set the LPATH. Also, LPATH is only used when the Pico sends a Gps packet. Your Aprs Gps packets will go to the UNPROTO path.

>As you can see, I'm trying to figure out the sequence of events to
>determine how and how often APRS gets posit data from the Pico. Then
>I'm trying to understand when APRS transmits (does it transmit old or
>new data?).

Well, I hope this answers your questions. If you have further questions, feel free to send email direct to me or the SIG, and I'll try to answer them.

--

Eric L. Martin (KC5ENU)
elmartin@iamerica.net

From sams@jetlink.net Sun Oct 06 16:43:56 1996
Received: from blackbird.jetlink.net (blackbird.jetlink.net [206.72.64.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA22238 for <aprssig@tapr.org>; Sun, 6 Oct 1996 16:43:55 -0500 (CDT)
Received: from [206.72.64.117] (ppp117.dialup.jetlink.net [206.72.64.117]) by blackbird.jetlink.net (8.7.6/CSE) with SMTP id OAA07426 for <aprssig@tapr.org>; Sun, 6 Oct 1996 14:41:11 -0700 (PDT)
X-Sender: sams@mail.jetlink.net
Message-Id: <v01530501ae7d0450108c@[206.72.64.122]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 6 Oct 1996 14:43:50 +0800
To: aprssig@tapr.org
From: sams@jetlink.net (sam stanifer)
Subject: Re: [APRSSIG:5416] Re: APRS HF Dedicated Xcvr: FCC Part 15

>Roger Sellers wrote:

>>

>> >

>> >I'd still like to know how many APRS'ers would want to spend the \$199 for a
>> >single channel, single band, low power, FSK only, HF data radio.

>> >

>> >73

>> >

>> >John...

>> >WB4LNM

or perhaps xmit/rcve converters, 11meters to 30 meters (ssb cb xceivers) or 10 meters to 30 meters (all the 10 meter ssb xceivers left over from the last sunspot cycle). Same could work for 2M data radios?

73

Sam

KJ6BU

From fclarke@erols.com Sun Oct 06 16:45:48 1996

Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA22323 for <aprssig@tapr.org>; Sun, 6 Oct 1996 16:45:46 -0500 (CDT)

Received: from LOCALNAME (lxp-as1s03.erols.com [207.96.9.3]) by smtp2.erols.com (8.7.5/8.7.3) with SMTP id RAA28524 for <aprssig@tapr.org>; Sun, 6 Oct 1996 17:45:39 -0400 (EDT)

Message-ID: <324079AA.53D@erols.com>

Date: Wed, 18 Sep 1996 15:37:30 -0700

From: Tom Clarke <fclarke@erols.com>

X-Mailer: Mozilla 2.01KIT (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5314] More on W3IWI-13 DGPS Beacon

References: <108031@tomcat.gsfc.nasa.gov>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Tom Clark -- W3IWI wrote:

>

> I have received several signal reports that the beacon is being heard
> for a few miles. Obviously coverage is limited by the lack of a good
> area digipeater on 145.79!

>

> Bob, N30ZB says that the beacon signals work well at improving the
> performance he gets with his Motorola TRAXAR+ (providing, of course, that
> he can hear them!).

>

> Has anyone else besides Bob & me had any luck in using the W3IWI-13 DGPS
> corrections?

>

> Has anyone got a suggestion on how to improve the coverage, especially
> into Chesapeake Bay? (Like for WB4APR: if the old APR-1 site on the tall
> tower isn't available, howz about a VHF port on your stuff in the USNA
> lab building?)

>

> 73, TomIt is getting down here to Pax River well and even getting through the
W3PQT-1 wide inspite of missing most of the antenna thanks to Fran.
There is about a 6 inch stub left, which shows you what a 150 tower will
do for you! 73 W40KW (the other Tom Clark(e)!

From wa8inz@concentric.net Sun Oct 06 17:31:50 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA23948 for <aprssig@tapr.org>; Sun, 6 Oct 1996 17:31:48 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id SAA15833; Sun, 6 Oct 1996 18:31:46 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61029d00071a.concentric.net [206.173.241.211])
by cliff.cris.com (8.7.5)
id SAA12346; Sun, 6 Oct 1996 18:31:44 -0400 (EDT)
Message-ID: <32584F61.7E3D@concentric.net>
Date: Sun, 06 Oct 1996 17:31:29 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: APRS on Tapr
References: <Pine.BSI.3.93.961006154853.20798A-100000@vespucci.iquest.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I received this message from a potential APRS user that attempted to download the latest version of APRS, but instead managed to erase or corrupt the version that was there. Read the message below and it will tell you how it got that way. I have since uploaded a new APRS77b.ZIP file but wanted to let everyone know that the date on the file will be of course today's date, but in any case everything is fixed now. I have deleted his name and callsign from his message.

> Robby wrote:
>
> Hi! I was trying to download APRS from the FTP site
> (ftp://ftp.tapr.org/tapr/SIG/aprssiig/files/upload/) and think I did
> something wrong. I was downloading the file and it got interrupted so when
> I started it again, it sent the 300K partial file to the FTP site instead
> of sending the rest of the complete file. I must have confused the RECV
> and SEND commands on FTP (I don't use FTP often), but if you could help me
> find another copy of APRS77B.ZIP, I'll FTP it to that site so someone
> doesn't download my partial file.
>
> Thanks!
>
> Huntsville, Alabama

--
\\///
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com
Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From fclarke@erols.com Sun Oct 06 17:32:01 1996
Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA23966 for <aprssig@tapr.org>; Sun, 6 Oct 1996 17:31:59 -0500 (CDT)
Received: from LOCALNAME (lxp-as1s03.erols.com [207.96.9.3]) by smtp2.erols.com (8.7.5/8.7.3) with SMTP id SAA02374 for <aprssig@tapr.org>; Sun, 6 Oct 1996 18:31:57 -0400 (EDT)
Message-ID: <32408488.2DFB@erols.com>
Date: Wed, 18 Sep 1996 16:23:52 -0700
From: Tom Clarke <fclarke@erols.com>
X-Mailer: Mozilla 2.01KIT (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5416] Re: APRS HF Dedicated Xcvr: FCC Part 15
References: <32580EE0.13C8@ix.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

kb6lfm@ix.netcom.com wrote:

>
> Roger Sellers wrote:
> >
> > >
> > >I'd still like to know how many APRS'ers would want to spend the \$199 for a
> > >single channel, single band, low power, FSK only, HF data radio.
> > >
> > >73
> > >
> > >John...
> > >WB4LNM
> > >
> > >
> > >
> > I'd most likely be interested.
> >
> > 73,
> > Roger Sellers
> > Amateur Radio: KB9LBU
> > E-Mail Home: rsellers@rockford.com
> > kb9lbu@juno.com
> > E-Mail Work: rsellers@snds.com
>
> Only 1 question John. How low in power?
>
> If the units put out 50W (PEP) I'll take 2 please!
>
> Bill kb6lfm@ix.netcom.comI'd be interested! W4OKW
fclarke@erols.com

From jswift@up.net Sun Oct 06 19:16:54 1996

Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA29448 for <aprssig@tapr.org>; Sun, 6 Oct 1996 20:10:45 -0500 (CDT)

Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail) id UAC20368; Sun, 06 Oct 1996 20:59:41 EDT

To: aprssig@tapr.org

Subject: Re: Pico Packet - questions...

Message-ID: <19961006.172800.9446.5.aprs@juno.com>

References: <199610061759.KAA20249@ns1.foothill.net>

X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 1-5,9

From: aprs@juno.com (ap rs)

Date: Sun, 06 Oct 1996 20:59:41 EDT

On Sun, 6 Oct 1996 13:06:04 -0500 (CDT) foga@foothill.net (DAN FOGARD) writes:

>>RALPH DO YOU TAKE ANY PRECAUTIONS WHEN STARTING THE VAN TO
>ELIMINATE SPIKES?

No. The unit is hidden in the back. I do try not to rapidly cycle any big loads, though. The Pico will occasionally glitch (like once a month or so), but It could be related to battery problems I have in the van already.

From aprs@juno.com Sun Oct 06 20:19:48 1996

Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA29811 for <aprssig@tapr.org>; Sun, 6 Oct 1996 20:19:46 -0500 (CDT)

Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail) id UAB20368; Sun, 06 Oct 1996 20:59:41 EDT

To: aprssig@tapr.org

Subject: Re: PICO

Message-ID: <19961006.172800.9446.4.aprs@juno.com>

References: <3257F0EC.E84@infi.net>

X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 0,2-13,20-37,39,41-54

From: aprs@juno.com (ap rs)

Date: Sun, 06 Oct 1996 20:59:41 EDT

On Sun, 6 Oct 1996 13:07:52 -0500 (CDT) Daniel Velez <dvelez@infi.net> writes:

>Ralph, you're right, but here in Norfolk there are only four of us and
>we've yet to install a WIDE :) I was using the number as an example.
>

That's why I said a *busy* network.

>Could one of the Pico users (or maybe Bob) clarify:

>

>-Does the GPS forward posit data at the rate set by LOC or by APRS'

>POSRATE or _both_? Someone mentioned "both" but I wanted to be sure.

I thought I answered that thoroughly before. When using a 2 PORT unit, it follows the following timing: When the PICO does not see a CTRL E for the duration of a LOC time interval, it sends a position via the LPATH route. As long as APRS does a CTRL E often enough, the PICO will not send its own tracker beacon. By the way, the automatic- pico originated position has a "/" symbol in it. The APRS initiated one has the "@".

>-Operation is in HSP mode, right?

Yes. and APRS must have GPS option purchased/enabled

>-Does HSP force a transmission as well as get the current posit with
>the
>LGET \$05 (F8)?

No.

>-Is APRS issuing the LGET to get the data at the POSRATE rate?

Yes

>-Does APRS set up the LPATH _and_ UNPROTO???

It sets up UNproto, but does not set LPATH unless you put it in the INITTAPR.TNC file in the system subdirectory.
Remember LPATH is only what it uses when it is NOT getting CTRL Es and it has become a tracker.

>As you can see, I'm trying to figure out the sequence of events to
>determine how and how often APRS gets posit data from the Pico. Then
>I'm trying to understand when APRS transmits (does it transmit old or
>new data?).

It took me a while, too. Maybe I'll write a tutorial

Ralph

replies to rwf@mindspring.com
Juno is what I use for posting when on the road

From aprs@juno.com Sun Oct 06 20:20:17 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA29835 for <aprssig@tapr.org>; Sun, 6 Oct 1996 20:20:15 -0500 (CDT)
Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail) id UAA20368; Sun, 06 Oct 1996 20:59:41 EDT
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5411] replies via gates
Message-ID: <19961006.172800.9446.3.aprs@juno.com>
References: <1414@ko6xs.ampr.org>

X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-1,6-7,13-14,16-17,21-22,25-61
From: aprs@juno.com (ap rs)
Date: Sun, 06 Oct 1996 20:59:41 EDT

Jon-

I am visiting in San Diego (N4NEQ-9 with GPS) I see you in Malibu and tried to message you today. I am not sure which GATE is carrying all the traffic, but I think it may be the one to the EAST (right under the DIGI star). I'll try to ask some locals. Having 2 gates locally can put a strain on both HF and VF sides of the net.

Your path to reach th gate here just needs to be 1 wide. I hear your station thru 1 wide. To go out on HF, you use WIDE, GATE. To go out on HF and then back to VHF, it would be WIDE,GATE,GATE,xxxx-x where xxxx-x is the local VHF digi on the other end. If you replace xxxx-x with WIDE, then you'll go out 1 wide from each other GATE. It is frowned upon to put 2 WIDEs on the other end.

Your existing path, WIDE, GATE, WIDE will do nothing but get you onto HF. The wide after the GATE means nothing.

You can only get an ACK back from aq station who has an @ in their P List entry. Press P and look. Stations with / or ! cannot "talk". I think Bob was adding W and M for "talkers" as well, but I haven't seen any of them.

My car unit reverts automatically back and forth from / to ! as I remove and replace the laptop. Feel free to message me if you see me out moving around. I'll be in your neck of the woods after next Friday.

Ralph

On Sun, 6 Oct 1996 11:00:35 -0500 (CDT) ko6xs@ko6xs.ampr.org writes:
>I having a great time watching people all across the country doing
>APRS, but ave
>one frustration. I'm running WINAPRS and my path is set to WIDE,
>GATE,WIDE to
>reachfrom Malibu to one of two gateways in San Diego. But I never get
>any
>acknowledgements back from my messages. Even if those DX stations are
>unmanned,
>should I at least get a ACK back?? What am I doing wrong? I tried to
>match
>the DX's path by using GATE, WIDE instead, but no luck.
>Also, how can I tel which of the two San Diego gates is relaying a
>particular
>DX transmission?? And is that information even important to know?
>Thanks in advance for any help you can give.

my APRS rig at home, but the dgps correction never made it into my GPS receiver. I assume the TNC was blocking all input to the GPS, which is pretty much as they tell you, but it is a problem - or software "feature". On the other hand, the faithful little TNC operated all day on its internal battery, which saved yet another piece of the power cord jungle.

Bob Kirk
N30ZB

From kirk@neptune.gsfc.nasa.gov Sun Oct 06 21:15:07 1996
Received: from wheelo.gsfc.nasa.gov (wheelo.gsfc.nasa.gov [128.183.50.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA01737 for <aprssig@tapr.org>; Sun, 6 Oct 1996 21:15:05 -0500 (CDT)
Received: from neptune.gsfc.nasa.gov by wheelo.gsfc.nasa.gov (5.65/Ultrix3.0-C) id AA02784; Sun, 6 Oct 96 22:15:02 -0400
Received: from breezy.gsfc.nasa.gov by neptune.gsfc.nasa.gov via SMTP (950911.SGI.8.6.12.PATCH825/920502.SGI)for <aprssig@tapr.org> id WAA02601; Sun, 6 Oct 1996 22:18:05 -0400
Message-Id: <2.2.32.19961007021535.006bd7bc@neptune.gsfc.nasa.gov>
X-Sender: kirk@neptune.gsfc.nasa.gov
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 06 Oct 1996 22:15:35 -0400
To: aprssig@tapr.org
From: Robert Kirk <kirk@neptune.gsfc.nasa.gov>
Subject: Re: PICO

At 11:04 AM 06-10-96 -0500, AP RS wrote:
>Scott - I think that setting LOC to 3 will really cause a lot of
>saturation on a busy local net! Whenever APRS is not running, or the
>serial cable is unplugged, you'll be beaconing every 30 seconds. This is
>pretty often, especially on a WIDE, WIDE path!
>

Well, I plead guilty to LOCing every 3 this weekend while trying out the differential correction signals while marine mobile (fancy for out sailing in the sunshine). At the same time the dgps corrections were also coming in over 145.79. One would think that APRS would be clobbered by all that QRM, especially in the pretty active DC area. But when I got home tonight I checked the tracks from my home APRS rig, and all seemed normal; all the usual suspects were still there. I'm not sure what LOC I'll be using out sailing now that I see how well it works; after all, at a snappy 5 or 6 knots watching me move along is like watching grass grow, but I'm not going to feel bad about frequent posits. After all, updating your house moving along at the speed of continental drift shouldn't be necessary more often than once an eon or so :-)

Bob Kirk
N30ZB

From n8chb@tir.com Sun Oct 06 22:03:30 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA03715 for <aprssig@tapr.org>; Sun, 6 Oct 1996 22:03:29 -0500 (CDT)
Received: from n8chb.tir.com (an48liv.tir.com [205.218.84.50]) by tir.com (8.7.5/8.7) with SMTP id WAA04615 for <aprssig@tapr.org>; Sun, 6 Oct 1996 22:57:24 -0400 (EDT)
Message-ID: <3258D4FF.744D@tir.com>
Date: Mon, 07 Oct 1996 03:01:36 -0700
From: Roger Breckon <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: vhf
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello east coast,

Nice vhf opening this evening.

N2CHV-3
K3ATI
W2HOB-15
WB4APR-1
KB4CNI-3

all rec direct.

73

roger n8chb SE Michigan

From wa8inz@concentric.net Sun Oct 06 23:11:21 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA06180 for <aprssig@tapr.org>; Sun, 6 Oct 1996 23:11:19 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id AAA21425; Mon, 7 Oct 1996 00:11:16 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61045d00051a.concentric.net [206.173.236.113])
by cliff.cris.com (8.7.5)
id AAA16503; Mon, 7 Oct 1996 00:11:15 -0400 (EDT)
Message-ID: <32589EF0.1D4@concentric.net>
Date: Sun, 06 Oct 1996 23:10:56 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0

To: aprssig@tapr.org
Subject: UHF APRS
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was wondering if there are any UHF networks up and running 9600 Baud yet. I see a big push in the Southeastern states for it but not sure yet on the frequency since 445.925 is in GA maybe a problem, so I guess the freq is still up in the air right now. I was asked to participate and just wondered if there are others and what freq is being used.

--

\\\\\\\\
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From wa4mej@juno.com Mon Oct 07 05:38:38 1996
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA22372 for <aprssig@tapr.org>; Mon, 7 Oct 1996 05:38:36 -0500 (CDT)
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail) id GAA10454; Mon, 07 Oct 1996 06:38:30 EDT
To: aprssig@tapr.org
Date: Sun, 6 Oct 1996 16:03:51 PST
Subject: Re: APRS SKYWARN
Message-ID: <19961007.063715.4607.0.wa4mej@juno.com>
References: <1.5.4.32.19960909184110.006c80c4@tbcnet.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0,2-37
From: wa4mej@juno.com (john w dent)

On Mon, 9 Sep 1996 13:52:12 -0500 (CDT) "John B. Leonard, Jr" <jleonard@tbcnet.com> writes:
>At 11:48 9/9/96 -0500, you wrote:
>>Please allow me to push this issue once again! Here in Arkansas we
>have a
>>broken down SKYWARN (Voice)Net. It all started out with good
>intentions
>>and actually worked for a while. However, it has ended up with
>disasterous
>>results. Skywarn storm spotters have been unable to report to the NWS
>>which either directly or indirectly resulted in deaths due to lack of
>>"public warnings". This is fact.
>
>On this topic, is it fair to suggest that the APRS/WX/Skywarn
>capabilities
>be separated from the APRS/GPS group. Not so much on a different

>freq., but
>perhaps as a separate body?
>
>After all, the APRS/WinAPRS/MacAPRS programs provide for a good tool
>for
>both interests, but there seems to be enuf diversity within the
>overall
>program to justify a separate WX/Skywarn group.
>
>Just a thot.
>
>jbl
>-----
>J Barry Leonard/N9VJQ
>DeKalb IL
>E-MAIL: jleonard@tbcnet.com
>WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>
>American Red Cross Disaster Services - DeKalb Co Chapter
>DR444 DR157
>
>

From gwyn@paccomm.com Mon Oct 07 07:01:28 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA24325 for <aprssig@tapr.org>; Mon, 7 Oct 1996
07:01:23 -0500 (CDT)
Received: from gwyn.paccomm.com by paccomm.com with smtp
(Smail3.1.29.1 #1) id m0vAEN2-000FQLC; Mon, 7 Oct 96 08:01 EDT
Received: by gwyn.paccomm.com with Microsoft Mail
id <01BBB425.D208C3C0@gwyn.paccomm.com>; Mon, 7 Oct 1996 08:02:01 -0400
Message-ID: <01BBB425.D208C3C0@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: FW: [APRSSIG:5427] Re: More on W3IWI-13 DGPS Beacon
Date: Mon, 7 Oct 1996 08:01:59 -0400
Encoding: 42 TEXT

Robert Kirk[SMTP:rkirk1@umbc.edu]said, among other things:

Thanks to Tom Clarks's dgps broadcast and Bob Bruninga
getting the 300' WB4APR-1 digi in Annapolis back in
commission, we now have good differential gps data
on APRS over a good part of the Chesapeake Bay as well
as inland.

.....

The only problem was this afternoon when I went
stand alone, and operated my Paccomm Handipacket in
GPS mode for a while. I was able to broadcast my
uncorrected GPS posit OK, as verified later from
my APRS rig at home, but the dgps correction never

made it into my GPS receiver. I assume the TNC was blocking all input to the GPS, which is pretty much as they tell you, but it is a problem - or software "feature". On the other hand, the faithful little TNC operated all day on its internal battery, which saved yet another piece of the power cord jungle.

Bob Kirk
N30ZB

Bob,

I'm going to check with our programmer today, but I don't think the GPS mode blocks the received data from going to the GPS receiver. I'll provide an update.

However, If I have it wrong, a solution is near to hand. In our dual serial port commercial products the TNC code looks for UI frames addressed to DGPS. Those frames (only) are sent to the GPS, and the rest are sent to the regular serial port.

That feature will soon be released into PicoPacket code. It could be added to the one serial port models such that if the UI to DGPS is heard, the data is forwarded out the serial port, otherwise sent to the bitbucket.

From K1TRS@msn.com Mon Oct 07 08:33:01 1996
Received: from upsmot01.msn.com (upsmot01.msn.com [204.95.110.78]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA27372 for <aprssig@tapr.org>; Mon, 7 Oct 1996 08:32:59 -0500 (CDT)
Received: from upmajb02.msn.com (upmajb02.msn.com [204.95.110.74]) by upsmot01.msn.com (8.6.8.1/Configuration 4) with SMTP id GAA02656 for <aprssig@tapr.org>; Mon, 7 Oct 1996 06:26:01 -0700
Date: Mon, 7 Oct 96 13:28:56 UT
From: "William Yoreo" <K1TRS@msn.com>
Message-Id: <UPMAIL05.199610071333230737@msn.com>
To: aprssig@tapr.org
Subject: RE: [APRSSIG:5430] UHF APRS

Hello Bill. I saw your interest in UHF activity. I am up and running in central Connecticut on 445.925 Mhz. I am at 1200 baud for now but plan to upgrade to dual speed (1200/9600) soon.

73 de Bill

email: k1trs@msn.com

From: aprssig@tapr.org on behalf of William Nolle
Sent: Monday, October 07, 1996 12:34 AM
To: aprssig@tapr.org
Subject: [APRSSIG:5430] UHF APRS

I was wondering if there are any UHF networks up and running 9600 Baud yet. I see a big push in the Southeastern states for it but not sure yet on the frequency since 445.925 is in GA maybe a problem, so I guess the freq is still up in the air right now. I was asked to participate and just wondered if there are others and what freq is being used.

--

\\\\\\
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From K1TRS@msn.com Mon Oct 07 08:36:23 1996

Received: from upsmot01.msn.com (upsmot01.msn.com [204.95.110.78]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA27735 for <aprssig@tapr.org>; Mon, 7 Oct 1996 08:36:20 -0500 (CDT)

Received: from upmajb04.msn.com ([204.95.110.81]) by upsmot01.msn.com (8.6.8.1/Configuration 4) with SMTP id GAA03618 for <aprssig@tapr.org>; Mon, 7 Oct 1996 06:29:22 -0700

Date: Mon, 7 Oct 96 13:35:03 UT

From: "William Yoreo" <K1TRS@msn.com>

Message-Id: <UPMAIL05.199610071336560693@msn.com>

To: aprssig@tapr.org

Subject: RE: [APRSSID:5422] Re: APRS HF Dedicated Xcvr: FCC Part 15

I would be very interested in a unit like that.

73 de Bill, K1TRS

Email: k1trs@msn.com

From: aprssig@tapr.org on behalf of Tom Clarke

Sent: Sunday, October 06, 1996 6:51 PM

To: aprssig@tapr.org

Subject: [APRSSID:5422] Re: APRS HF Dedicated Xcvr: FCC Part 15

kb6lfm@ix.netcom.com wrote:

>

> Roger Sellers wrote:

> >

> > >

> > >I'd still like to know how many APRS'ers would want to spend the \$199 for a

> > >single channel, single band, low power, FSK only, HF data radio.

> > >

> > >73

> > >
> > >John...
> > >WB4LNM
> > >
> > >
> > >
> > I'd most likely be interested.
> >
> > 73,
> > Roger Sellers
> > Amateur Radio: KB9LBU
> > E-Mail Home: rsellers@rockford.com
> > kb9lbu@juno.com
> > E-Mail Work: rsellers@snds.com
>
> Only 1 question John. How low in power?
>
> If the units put out 50W (PEP) I'll take 2 please!
>
> Bill kb6lfm@ix.netcom.com I'd be interested! W4OKW
fclarke@erols.com

From bruninga@nadm.navy.mil Mon Oct 07 09:06:33 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA28629 for <aprssig@tapr.org>; Mon, 7
Oct 1996 09:06:29 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id KAA00901 for <aprssig@tapr.org>; Mon, 7 Oct 1996
10:11:33 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 7 Oct 1996 10:11:32 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5406] Re: X-1J4 (NODE) Question
In-Reply-To: <199610060335.XAA20990@gatekeeper.vic.com>
Message-ID: <Pine.GS0.3.95.961007101026.27991A-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I agree that this problem must be fixed, but I cannot fix it unless I see
it. As I said in the message below, I must see a copy of the RAW packet
and a copy of the P-LIST entry before I have a clue..

On Sat, 5 Oct 1996
moyers@vic.com wrote:

> ** Reply to note from aprssig@tapr.org Fri, 27 Sep 1996 10:42:46 -0500 (CDT)
> >
> > On Thu, 26 Sep 1996 mark.endicott@nashville.com wrote:

> >
> > > Nashville has a little problem that we need some help with. > couple more in
the area. The
> > problem is that the digi's > that are running X-1J4 firmware turn to "gray"
after few > hours. I
> > use the term "gray" loosely, the star becomes a
> >
> > APRSdos REPLY/COMMENT: Send me a copy of the *raw* packet being beacond by
that digi. If the
> > installer has placed a DATE/TIME in the packet then he is doing it worng. The
packetmust begin with
> > !LAT/LONG... There is *no* date-time field in a digipeater posit report.
> >
> > Reply mail addr: wb4apr@amsat.org See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
> >
> >
> Bob this has been a problem with APRS and TheNet from the beginning. In fact
you used to mention it
> in the docs about digi's and using TheNet. The problem is coming from the
Node's always sticking
> TheNet:callsign as the first thing in a beacon. Since this is hardcoded into
the firmware YOU had to
> change aprs to look !LAT/LONG at any point in the string instead of as the first
thing in the string.
> Remember???? The turning to Gray of THENET NODES has ALWAYS been a problem. I
asked for a fix for
> this many years ago, and now we are rehashing the problem. Yes it would be easy
for no one to use
> TheNet. But, I for one like the remote control capabilities and multi aliases
that X1J provides.
> Yes, I could go out and BUY new Kantronics tnc's with some of these capabilities
and would even be
> able to beacon the node farther than one wide away. But Why go spend money on
new tnc's when the
> one's I have are TAPR clones and X1J is freeware? The easiest to do is to
tolerate the fade to
> gray or for one station close the node to hook it and uplink the digi to the
rest of the network.
> Hooking and uplinking solves of the problems with X1J, first it gets seen
farther that one wide hop
> away and it stays green.
>
> 73 de John N4QEA
>
>
> John Moyers N4QEA
> PACKET - N4QEA @ N4QEA.#METN.TN.USA.NA
> INET - moyers@vic.com
> Cruise Missile - 36 02.86N 083 55.40W A=0001100
>
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Mon Oct 07 09:16:17 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA28792 for <aprssig@tapr.org>; Mon, 7 Oct 1996 09:16:14 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA02473; Mon, 7 Oct 1996 10:20:59 -0400 (EDT)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Mon, 7 Oct 1996 10:20:58 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: "Evans F. Mitchell" <kd4efm@gte.net>

cc: aprssig@tapr.org

Subject: Home WIDE's

In-Reply-To: <3257F19A.1070@gte.net>

Message-ID: <Pine.GS0.3.95.961007101655.27991B-1000000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 6 Oct 1996, Evans F. Mitchell wrote:

> bob, i found that in 76 you can hit alt-s mode and wide to become a
> wide, in 77 i have not been able to do that...

APRSdos REPLY/COMMENT: I removed that code, because the proper way to set up a WIDE is with a TNC that can have multiple aliases or callsigns. This way, APRS can always set MYA to RELAY and it will NOT mess up the other callsign that you have set up for WIDE. Just set the second call of your TNC to WIDE using the OCT mode in APRS and then the TNC will remember it forever... BUT make sure to put the words WIDE-RELAY in your POSIT COMMENTS so you show as green.

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From dkaszubski@why.net Mon Oct 07 09:21:14 1996

Received: from where.why.net (where.why.net [205.240.252.21]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA29046 for <aprssig@tapr.org>; Mon, 7 Oct 1996 09:21:13 -0500 (CDT)

Received: from 3.liv2.arl.why.net ([206.160.169.162]) by where.why.net (post.office MTA v2.0 0813 ID# 0-11525) with SMTP id AAA490 for <aprssig@tapr.org>; Mon, 7 Oct 1996 09:20:08 -0500

Message-ID: <32592DC6.44BA@why.net>

Date: Mon, 07 Oct 1996 09:20:22 -0700

From: dkaszubski@why.net (dkaszubski)

Organization: The Why? Network

X-Mailer: Mozilla 2.02 (Win95; I; 16bit)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5413] Re: APRS HF Dedicated Xcvr: FCC Part 15
References: <199610061726.MAA13359@tapr.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> >I'd still like to know how many APRS'ers would want to spend the \$199 for a
> >single channel, single band, low power, FSK only, HF data radio.
> >
> >73
> >
> >John...
> >WB4LNM
> >

Has anyone else thought about resurecting one of the old, non-WARC transceivers that are available on the used market for \$200 to \$300 and converting it to 30 meter operation??? At a recent hamfest, I saw 5 Yaesu FT-101's in that price range and an article in a back issue of QST describes the mod to put the beast on 30. Then you would have a 200 watt rig with a VFO to boot! As soon as I find that old article, I will let this sig know (think it's in the September 1983 issue). I have only persued the mod for the Yaesu since there is an FT-101F in my shack that works very well on all HF digital modes, including packet. There should be information to perform this mod on some of the other old rigs out there somewhere. If you are concerned about drift (something mine stops doing after a few minutes) there are two slots for crystal controlled channels in this model that would make it 'rock bound' and drift free. btw> This rig may be a little large and power hungry for most mobile applications, but there are others to consider. I'm just using what is available...

--

Dave Kaszubski WB3FYV
dkaszubski@why.net also: ustuia6v@ibmmail.com
Benbrook, Texas N 32 40.319' W 097 26.844'

President of the Texas Utilities Amateur Radio Club,
 Comanche Peak Chapter
Affiliated with RACES, ARES, TAPR, ARRL, SWOT, TPRS, Texas VHF FM Society
Still experimenting with APRS...
<http://users.why.net/dkaszubski/>

From bruninga@nadn.navy.mil Mon Oct 07 09:28:41 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA29192 for <aprssig@tapr.org>; Mon, 7 Oct 1996 09:28:40 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA04080 for <aprssig@tapr.org>; Mon, 7 Oct 1996 10:33:45 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 7 Oct 1996 10:33:45 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org

Subject: Re: [APRSSIG:5411] replies via gates
In-Reply-To: <1414@ko6xs.ampr.org>
Message-ID: <Pine.GS0.3.95.961007102549.27991E-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 6 Oct 1996 someone wrote wrote:

> ...I have but one frustration. I'm running WINAPRS and my path is set to
> WIDE,GATE,WIDE to reach from Malibu to one of two gateways in San Diego.
> But I never get any acknowledgements back from my messages. I even tried
> to match the DX's path by using GATE, WIDE instead, but no luck.
> Also, how can I tel which of the two San Diego gates is relaying a particular
> DX transmission?? And is that information even important to know?

APRSdos REPLY/COMMENT: Several comments:

- 1) I hope you are not doing this regularly.
- 2) W,G,W is useless. W,G gets you to HF, but then there is a W on the end.. What good is that W on the end?
- 3) Matching the HF stations G,W is useless because you have to REVERSE the path to WIDE,GATE.
- 4) THnk about it. If you dont know the path, and you are using WIDE,GATE, then your packets may hit BOTH gates, and they will BOTH gate your packet and they will BOTH collide, and noone will hear the packet at all, and all you are doing is QRMing the network for no good... If you feel you must violate the recommendations and send your packets from VHF to HF, then use the SPECIFIC digipeater that links you to the gate, not the generic WIDE...

Please read and understand the section in your
TNC manual about digipeating and rad the APRS README\DIGIS.txt file...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From dkaszubski@why.net Mon Oct 07 09:33:27 1996
Received: from where.why.net (where.why.net [205.240.252.21]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id JAA29528 for <aprssig@tapr.org>; Mon, 7 Oct 1996
09:33:24 -0500 (CDT)
Received: from 3.liv2.arl.why.net ([206.160.169.162]) by where.why.net
(post.office MTA v2.0 0813 ID# 0-11525) with SMTP id AAA256
for <aprssig@tapr.org>; Mon, 7 Oct 1996 09:32:19 -0500
Message-ID: <325930A1.1043@why.net>
Date: Mon, 07 Oct 1996 09:32:33 -0700
From: dkaszubski@why.net (dkaszubski)
Organization: The Why? Network
X-Mailer: Mozilla 2.02 (Win95; I; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5434] Re: APRS HF Dedicated Xcvr: FCC Part 15
References: <UPMAIL05.199610071336560693@msn.com>

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some info I should have included in my previous message about modifying Yaesu FT-101's for operation on 30 meters. I have not tried this modification yet...

=====
copied from the internet:
From: laduke@hpdmd48.boi.hp.com (Terry Laduke)
Newsgroups: rec.radio.amateur.misc
Subject: FT-101 Mod for 30-meter (10MHz) Transmit

I made several of these mods about ten years ago but I am a little fuzzy. The FT101 uses 10mhz for its WWV position but they left out the driver and final coil connections in the transmit section of the radio. So you either add coils or you can jump the band switch in the driver portion and the final section.

Connect a jumper from the 20meter driver coil tab, to the WWV driver tab; and the 40 meter final coil tab to the WWV final tab.

This will make the driver tune in the 40meter position and the final will dip around the 20meter position.

A cheap mod for another band, Good Luck but remember that packet or rtty is continious power so you need to back off the drive to about 1/3 normal or you will cook the finals!!!!!!

Terry WA6RNF @ Boise,Idaho

=====
Note: I haven't tried or verified this, proceed at your own risk. WA2ISE
/EX

--
Dave Kaszubski WB3FYV
dkaszubski@why.net also: ustuia6v@ibmmail.com
Benbrook, Texas N 32 40.319' W 097 26.844'

President of the Texas Utilities Amateur Radio Club,
Comanche Peak Chapter
Affiliated with RACES, ARES, TAPR, ARRL, SWOT, TPRS, Texas VHF FM Society
Still experimenting with APRS...
<http://users.why.net/dkaszubski/>

From wa8inz@concentric.net Mon Oct 07 09:53:14 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA00289 for <aprssig@tapr.org>; Mon, 7 Oct 1996 09:53:09 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tribune.concentric.net (8.7.5/(96/09/19 1.3)) id KAA27983; Mon, 7 Oct 1996 10:53:07 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61047d00191a.concentric.net [206.173.236.175])

by cliff.cris.com (8.7.5)
id KAA14892; Mon, 7 Oct 1996 10:53:05 -0400 (EDT)
Message-ID: <32593560.53D9@concentric.net>
Date: Mon, 07 Oct 1996 09:52:48 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5433] RE: UHF APRS
References: <UPMAIL05.199610071333230737@msn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William Yoreo wrote:

>
> Hello Bill. I saw your interest in UHF activity. I am up and running in
> central Connecticut on 445.925 Mhz. I am at 1200 baud for now but plan to
> upgrade to dual speed (1200/9600) soon.
>
> 73 de Bill
>
> email: k1trs@msn.com
>

Hi Bill, yes it looks like there is a lot of interest right now and several digis are planned and ready to go except for the frequency. Looks like Georgia may have some difficulty with 445.925 since the coordinating body their claims this as repeater territory ;-). But of course Alabama doesn't doesn't go along with the Georgia coordination, so right now it's a wait and see thing.

--

\\\\\\\\
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From b.gotshall@worldnet.att.net Mon Oct 07 10:22:08 1996
Received: from mtigwc02.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA01609 for <aprssig@tapr.org>; Mon, 7 Oct 1996 10:22:06 -0500 (CDT)
Received: from LOCALNAME ([199.70.197.102]) by mtigwc02.worldnet.att.net (post.office MTA v2.0 0613) with SMTP id AAA2133 for <aprssig@tapr.org>; Mon, 7 Oct 1996 15:21:27 +0000
Message-ID: <32594A48.64E8@worldnet.att.net>
Date: Mon, 07 Oct 1996 11:22:00 -0700
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>
X-Mailer: Mozilla 2.01E (Win16; I)

MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5436] Home WIDE's
References: <Pine.GS0.3.95.961007101655.27991B-1000000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> On Sun, 6 Oct 1996, Evans F. Mitchell wrote:
>
> > bob, i found that in 76 you can hit alt-s mode and wide to become a
> > wide, in 77 i have not been able to do that...
>
> APRsdos REPLY/COMMENT: I removed that code, because the proper way to set
> up a WIDE is with a TNC that can have multiple aliases or callsigns. This
> way, APRS can always set MYA to RELAY and it will NOT mess up the other
> callsign that you have set up for WIDE. Just set the second call of your
> TNC to WIDE using the OCT mode in APRS and then the TNC will remember it
> forever... BUT make sure to put the words WIDE-RELAY in your POSIT
> COMMENTS so you show as green.
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

This becomes a problem with people using older TNC's that will not except
a second alias.. This problem is NOW causing our OCala Digi problems as
he has an old tnc.

Is there a better way of doing this or should we revert to the older
versions of APRS with the older tnc's?

Bud
WB4LTF

From mead@hamal.usc.edu Mon Oct 07 12:01:17 1996
Received: from usc.edu (usc.edu [128.125.253.136]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id MAA06134 for <aprssig@tapr.org>; Mon, 7 Oct 1996 12:01:13 -0500
(CDT)
Received: from hamal.usc.edu (mead@hamal.usc.edu [128.125.18.25])
by usc.edu (8.7.6/8.7.2/usc) with ESMTP
id KAA10859 for <aprssig@tapr.org>; Mon, 7 Oct 1996 10:01:06 -0700 (PDT)
Received: (from mead@localhost)
by hamal.usc.edu (8.7.6/8.7.3/usc)
id KAA10010; Mon, 7 Oct 1996 10:01:03 -0700 (PDT)
Date: Mon, 7 Oct 96 10:01:02 PDT
From: Dick Mead <mead@hamal.usc.edu>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5392] DOWNLOAD BBS'S FOR APRS
In-Reply-To: Your message of Sat, 5 Oct 1996 05:30:34 -0500 (CDT)
Message-ID: <CMM.0.90.4.844707662.mead@hamal.usc.edu>

> DOWNLOAD.txt 7.7 DOWNLOAD BBS'S FOR APRS
>

>
...

> Calif,south 818 799-1632 Pasadena Znode36 Dick Mead WB6NGC
I can't believe I am the only SoCal listing. APRS files are current.
73
...

>
>

From ronald@cyberstreet.com Mon Oct 07 16:01:12 1996
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA20679 for <aprssig@tapr.org>; Mon, 7
Oct 1996 16:01:10 -0500 (CDT)
Received: from ronald.cyberstreet.com ([207.30.55.44])
by mail.cyberstreet.com (post.office MTA v1.9.3b ID# 114-12414)
with SMTP id AAA88 for <aprssig@tapr.org>;
Mon, 7 Oct 1996 17:04:52 -0400
Message-Id: <2.2.32.19961007210115.006891e4@mail.cyberstreet.com>
X-Sender: ronald@mail.cyberstreet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 07 Oct 1996 17:01:15 -0400
To: aprssig@tapr.org
From: Ronald Oblinger <ronald@cyberstreet.com>
Subject: Re: [APRSSID:5434] Re: APRS HF Dedicated Xcvr: FCC Part 15

At 08:58 AM 10/7/96 -0500, you wrote:
>I would be very interested in a unit like that.

>
>73 de Bill, K1TRS
>
>Email: k1trs@msn.com
>
>-----

>From: aprssig@tapr.org on behalf of Tom Clarke
>Sent: Sunday, October 06, 1996 6:51 PM
>To: aprssig@tapr.org
>Subject: [APRSSID:5422] Re: APRS HF Dedicated Xcvr: FCC Part 15

>
>kb6lfm@ix.netcom.com wrote:

>>
>> Roger Sellers wrote:
>> >
>> > >
>> > >I'd still like to know how many APRS'ers would want to spend the \$199 for
>a
>> > >single channel, single band, low power, FSK only, HF data radio.
>> > >
>> > >73
>> > >

>> > >John...
>> > >WB4LNM
>> > >
>> > >
>> > >
>> > I'd most likely be interested.
>> >
>> > 73,
>> > Roger Sellers
>> > Amateur Radio: KB9LBU
>> > E-Mail Home: rsellers@rockford.com
>> > kb9lbu@juno.com
>> > E-Mail Work: rsellers@snds.com
>>
>> Only 1 question John. How low in power?
>>
>> If the units put out 50W (PEP) I'll take 2 please!
>>
>> Bill kb6lfm@ix.netcom.com I'd be interested! W4OKW
>fclarke@erols.com
>
>
> If the PEP is above 25W I am definitely interested.

ronald@cyberstreet.com
73 cu Ron"KD4AMS"

From james-m@ix.netcom.com Mon Oct 07 16:21:03 1996
Received: from dfw-ix1.ix.netcom.com (dfw-ix1.ix.netcom.com [206.214.98.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA22645 for <aprssig@tapr.org>; Mon, 7 Oct 1996 16:20:59 -0500 (CDT)
Received: from acerp (sav-ga6-09.ix.netcom.com [206.217.118.73]) by dfw-ix1.ix.netcom.com (8.6.13/8.6.12) with ESMTP id 0AA18795 for <aprssig@tapr.org>; Mon, 7 Oct 1996 14:20:27 -0700
Message-Id: <199610072120.0AA18795@dfw-ix1.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom.com>
To: <aprssig@tapr.org>
Subject: help with mapmaking Savannah, Ga.
Date: Mon, 7 Oct 1996 17:16:51 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello and thanks for reading this..

Are any of you mapmaking Guru's up to making a good street level APRS map of Savannah/Chatham county Georgia?? If so please contact me via Email and let me know what you would charge for this kind of service..

Thanks,
Don AE4BR

From cdavidso@hemisphere.neocomm.net Mon Oct 07 17:00:23 1996
Received: from hemisphere.neocomm.net (root@hemisphere.neocomm.net [205.160.234.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA25146 for <aprssig@tapr.org>; Mon, 7 Oct 1996 17:00:20 -0500 (CDT)
Received: from Axton (ppp23.neocomm.net [205.160.234.23]) by hemisphere.neocomm.net (8.6.11/8.6.9) with SMTP id SAA20931 for <aprssig@tapr.org>; Mon, 7 Oct 1996 18:00:21 -0400
Message-Id: <199610072200.SAA20931@hemisphere.neocomm.net>
Comments: Authenticated sender is <cdavidso@neocomm.net>
From: "Charles W. Davidson" <cdavidso@hemisphere.neocomm.net>
Organization: Acme
To: aprssig@tapr.org
Date: Mon, 7 Oct 1996 18:00:19 +0000
Subject: smallest gps/tnc
Reply-to: cdavidso@hemisphere.neocomm.net
Priority: normal
X-mailer: Pegasus Mail for Windows (v2.01)

I plan on doing a Thru-hike of the Appalacian Trail next year. My APRS/GPS mobile is hoplessly too large to consider carrying on a six month hike. Whats the smallest, lightest gps/tnc available now? It shure would be neat to plot my 2000 mile hike from Georgia to Maine via APRS! My budget will probabally not let me purchase such a system. However I would still enjoy getting some more info.

Also for fellow map makers, the Trail was hiked with GPS this year. This weekend at Carlise, PA there is a Gathering of Long Distance Hikers. At this event I should meet the fellow that made this gps-hike and inquire about getting the data for us mapmakers.

Charles

cdavidso@neocomm.net
<http://www.neocomm.net/~cdavidso/>
WB4PAN@WB4QOJ.VA.USA.NOAM
wb4pan@juno.com
APRS ALDHA ATC
Georgia>97>Main Chase

From AC6JA@aol.com Mon Oct 07 18:21:14 1996
Received: from emout03.mail.aol.com (emout03.mx.aol.com [198.81.11.94]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA28456 for <aprssig@tapr.org>; Mon, 7 Oct 1996 18:21:12 -0500 (CDT)
From: AC6JA@aol.com
Received: by emout03.mail.aol.com (8.6.12/8.6.12) id TAA02321 for aprssig@tapr.org; Mon, 7 Oct 1996 19:20:42 -0400
Date: Mon, 7 Oct 1996 19:20:42 -0400
Message-ID: <961007192040_120984772@emout03.mail.aol.com>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5443] Re: APRS HF Dedicated Xcvr: FCC Part 15

why don't we try and use a 20m packet freq for trial aprs? i have been using the mfj-9420 ssb/cw qrp transceiver and have used this rig successfully on ssb, cw and packet/amtorg/pactor/rtty, etc. this rig is under \$250 and puts out about 12w PEP. i have worked all over the country using this rig mobile with only a 20m hamstick. if we ever get a permanent aprs freq on 20m, we can always put in a crystal controlled oscillator for better freq stability. anyone else have any thoughts on this? might also be able to convert this rig or the mfj-9440 40m ssb/cw rig to 30m if you want to keep hf aprs on 30.

Mike AC6JA

From mark.endicott@nashville.com Mon Oct 07 18:46:14 1996

Received: from nashville.com (ns1.nashville.com [199.78.224.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA29150 for <aprssig@tapr.org>; Mon, 7 Oct 1996 18:46:13 -0500 (CDT)

Message-Id: <199610072346.SAA29150@tapr.org>

From: mark.endicott@nashville.com

Reply-To: mark.endicott@nashville.com

Subject: Travel to Annapolis

To: aprssig@tapr.org

X-Mailer: TSX-BBS

Date: Mon, 7 Oct 96 18:35:37

Organization: The Nashville Exchange-http://WWW.NASHVILLE.COM

I am going to be in Annaplolis for the Boat Show starting wednesday evening. Anybody got a list of 2mtr or 440 repeaters in the area. And should I take my mini personal tracker?

Mark....WB0N00

If Found, Please Return To:

```
-----
|               \
|      Mark Endicott      \
|      P.O. Box 148242      \
|      Nashville, Tennessee 37214      >
|      WB0N00              /
|      mark.endicott@nashville.com      /
|-----/
```

From jbaum@freenet.columbus.oh.us Mon Oct 07 19:44:20 1996

Received: from ronco-i.freenet.columbus.oh.us (ronco.freenet.columbus.oh.us [164.107.107.13]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA01833 for <aprssig@tapr.org>; Mon, 7 Oct 1996 19:44:18 -0500 (CDT)

Received: from login by ronco-i.freenet.columbus.oh.us (8.7.5/5.960408) id UAA01563; Mon, 7 Oct 1996 20:44:14 -0400 (EDT)

Received: by login (8.6.10) id UAA28155; Mon, 7 Oct 1996 20:44:15 -0400

Date: Mon, 7 Oct 1996 20:40:39 -0400 (EDT)

From: John Baum <jbaum@freenet.columbus.oh.us>
Subject: Re: [APRSSIG:5392] DOWNLOAD BBS'S FOR APRS
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <01BBB27D.5B6AC280@red142.onramp.net>
Message-ID: <Pine.3.07.9610072036.A25621-9100000@login>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 5 Oct 1996, Larry Griffin wrote:

> DOWNLOAD.txt 7.7 DOWNLOAD BBS'S FOR APRS

> OHIO. Columbus 614 443-4249

This BBS went silent on August 8th. At the time I took it down, it was receiving 1 call every 3 days. The phone number is now dedicated as a fax line for the newspaper.

John Baum - KB8JX0 - Former Ohio Map Maker
Cruise Missile Address: 39 56.35 N 082 58.89 W
Semi-Co-owner of HOOT - Columbus Ohio's BiWeekly Humor Newspaper

From wclement@the-hermes.net Mon Oct 07 20:45:08 1996
Received: from seeker (root@seeker.the-hermes.net [205.177.6.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA04516 for <aprssig@tapr.org>; Mon, 7 Oct 1996 20:45:01 -0500 (CDT)
Received: from athena-21.the-hermes.net (athena-21.the-hermes.net [205.177.6.51]) by seeker (8.6.12/8.6.12) with SMTP id VAA29937 for <aprssig@tapr.org>; Mon, 7 Oct 1996 21:33:07 -0400
Posted-Date: Mon, 7 Oct 1996 21:33:07 -0400
Received: by athena-21.the-hermes.net with Microsoft Mail id <01BBB498.D3735400@athena-21.the-hermes.net>; Mon, 7 Oct 1996 21:45:15 -0400
Message-ID: <01BBB498.D3735400@athena-21.the-hermes.net>
From: "William I. Clement" <wclement@the-hermes.net>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>,
"cdavidso@hemisphere.neocomm.net"
<cdavidso@hemisphere.neocomm.net>
Subject: RE: [APRSSIG:5445] smallest gps/tnc
Date: Mon, 7 Oct 1996 21:43:54 -0400
Encoding: 24 TEXT, 59 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

Charles Davidson wrote:

I plan on doing a Thru-hike of the Appalachian Trail next year. My APRS/GPS mobile is hopelessly too large to consider carrying on a six month hike. What's the smallest, lightest gps/tnc available now? It sure would be neat to plot my 2000 mile hike from Georgia to Maine via APRS! My budget will probably not let me purchase such a

M'VXC!R6JG\$D@ "U\$#H"%19&\+@ AG(&\$8,&AR=2T0:&EK92;09B!TLF@H\$P
M"K +8&,';!D#H%1R"W #(&YE>\$\C>0L9)(\%0'EE"L N!070>12P4%)3+T=V
M4 7P!&B`Q H\$ 0'(\$QH;PM0!Y!S;"S@=,AO;R +8')G*! NT#X@!: `@02!
M+Y *P')YWR<R*04A42=P')!X+8\$",*YH+B G\2RP5Q& = 0@E2AB<P# ;""Q
M="PO`!AI9V@3T!/(=&PH',0=&YC)V!V*7&'` : MT2H%;F]W/R9@605 <V@(
M<"@0=PA@;/AD(&(H\$'FP,J 08@M0_R&@+8 LX '0.& M@ "W")^/1`U(@1V4%
ML&<' ,"]B?2H%30MQ*! A\$ "=P+0(AXR6@+-%B=6000 5 `#W,U F@ -@8C-!
M+. UX 5]R"P. \$H\$' (<!%Q\$; Q<.YU\$7 G82H%<Q.S++ EH/)(-?!E=C !
M)G VQ!/\SQR"?!J;RS@/"%!"\$="!OR% /<\$8#:#1"X "\$"XCG^ \+XR,?*I\@
M(3\$_\ 20+>/I)W!P;P00:34R(4 *0'M!\$ (@.D45114GD"@03?Q)3070!' V
MX\$<U0?\$LX @H,2(>\"XW(BG/*% I8 " .*!T+0(@+J\$(5\$Y#2R D.3 I[3_!
M00) ` -!H115,,"]B:GD(82!&X'<RH 5 0<<)P1G /_!05D9,T\$060Q/0!< H
M,"XT2U\$B`" M+2 D,3(Y[TNP`' W`M0=2=0"X!%%7U.HV8A`6P3# H\$ "U2
M*.TF<'4^42AB1PK .* #H/\$M42TT-5'T3J\$G8#:#1_45 8R@`. \$MHT,F2:T\
M8T<'0"%)V!C8V4%,34[40\$'0&]2@CWP,K\$H.'XM+; %0!HP2#91\T45./\G
M`#/#03# '0%J&4A(3T""P[P> 4+(H8"X!9#*@)W \X/]6T"]B+C]P3S@\$;!
M0CR!_T051\\$0L4455G)502T".3#[:; `P'0_P4FB7B4P8%J&OP6@-N54@5X!
M+0 `D&=:,>]!4 > +S\$TH'E%%2^A7/"_2'(\$(:05B,1L51P<\$(T_P3P*`]
MP0/P,?\$H8\$>P0G+_`P`NT 40)T%.HT21"<\$\$\$-]#)E>?2D<TYSE#0UY" `C!\
M(\$4=,#K1!G\$=#.#.021,TH"RP*#0=4"TR-N%;\$#8W,S9-,&Q)3]1/;:] /5F]/
M2R U,5L0.- V-"TW'' Q<3=%%7U ``!4HBX"3Y T8&0-5P<\<F[% ,Z!.,UA,
M3;]%'PN1%U0\$7P7 &5\$?-'` ,`\$! ` ` ` `P`1\$ ` ` `! ` `<PX'J%J;BT
DNP% ``@PX'J%J;BTNP\$>`#T`0` ` `4` ` `!213H@` ` ` ` `W#
,

end

From bruninga@nadm.navy.mil Mon Oct 07 22:17:33 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA09001 for <aprssig@tapr.org>; Mon, 7
Oct 1996 22:17:31 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id XAA17943 for <aprssig@tapr.org>; Mon, 7 Oct 1996
23:22:36 -0400 (EDT)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Mon, 7 Oct 1996 23:22:36 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5445] smallest gps/tnc

In-Reply-To: <199610072200.SAA20931@hemisphere.neocomm.net>

Message-ID: <Pine.GS0.3.95.961007231640.17032D-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 7 Oct 1996, Charles W. Davidson wrote:

> I plan on doing a Thru-hike of the Appalacian Trail next
> year. My APRS/GPS mobile is hoplessly too large to consider carrying
> on a six month hike. Whats the smallest, lightest gps/tnc available
> now?

APRSDos REPLY/COMMENT: A GPS and the MIM chip and the Agrelo transmitter
can be built into about the size of a cigarette pack.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From ku0g@sprynet.com Mon Oct 07 22:20:27 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA09363 for <aprssig@tapr.org>; Mon, 7 Oct 1996
22:20:20 -0500 (CDT)
Received: from JIMDUNCA (dd06-067.compuserve.com [199.174.148.67]) by
m1.sprynet.com (8.6.12/8.6.12) with SMTP id UAA09788 for <aprssig@tapr.org>; Mon,
7 Oct 1996 20:20:01 -0700
Date: Mon, 7 Oct 1996 20:20:01 -0700
Message-Id: <199610080320.UAA09788@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: James Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:5431] Re: APRS SKYWARN

<major surgery>
>>jbl
>>-----
>>J Barry Leonard/N9VJQ
>>DeKalb IL
>>E-MAIL: jleonard@tbcnet.com
>>WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>

Is this the NEW NIAN web site, Barry? The link I had no longer responds.
The servers sez no such page at this address for what I had before...

73 de Jim, KU0G
73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@sprynet.com

From ronhaley@dgps.com Mon Oct 07 22:38:32 1996
Received: from server.DGPS.COM (dgps.com [165.113.153.6]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id WAA09993 for <aprssig@tapr.org>; Mon, 7 Oct 1996
22:38:29 -0500 (CDT)
Received: from DIFFSERV by server.DGPS.COM (NTMail 3.02.07) with ESMTP id na000013
for <aprssig@tapr.org>; Mon, 7 Oct 1996 14:55:50 -0700
Message-Id: <3.0b28.32.19961007150425.009fd390@dgps.com>
X-Sender: ronhaley@dgps.com
X-Mailer: Windows Eudora Pro Version 3.0b28 (32)
Date: Mon, 07 Oct 1996 15:04:31 +0100
To: aprssig@tapr.org
From: "Ronald P. Haley" <ronhaley@dgps.com>
Subject: Re: [APRSSIG:5355] Re: DGPS and ANNAPOLIS WIDE!

Cc: aprssig@tapr.org
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tom,

You won't get anywhere 1 meter with dgps corrections sent every 20 seconds, and to say that the data will be better than DCI or the coast guard is way off. DCI outputs corrections every 2 seconds, and the coast guard is much more frequent than every 20 seconds.

A second delay will add at around 5 meters of error. The other thing to watch is whether you send type 1 or type 9 corrections. Experience is that sending type 1's over the air is a problem, as any error in the data ruins the correction for all the satellites in the type 1 message. In your case, the data will then be 40 seconds old upon receiving the next packet. If you haven't already decided to use type 9's, I suggest that you should. I tried DGPS a little in the bay area, and found that the delays could be rather long. What have you found?

regards,

Ron Haley

President and C.E.O.

DCI

At 12:08 PM 10/3/96 -0500, Tom Clark -- W3IWI wrote:

>

>Bob -- thanks for telling me that the Balto/Wash area now is again WIDE!

>I just stopped by W3IWI-13 and changed the UNPROTO route accordingly.

>

>All -- Now that the W3IWI-13 DGPS beacon has better coverage bouncing thru
>whatever WIDEs it can hit, I am really anxious to get reports from folks
>in the MD/DC/VA/DE/PA/SNJ area on your ability to use the DGPS corrections
>I'm broadcasting. In case you missed the earlier postings, W3IWI-13 is
>sending DGPS beacons addressed to DGPS via WIDE with a beacon sent every
>20 seconds. The data is generated in some professional equipment and the
>DGPS correction quality should be >>BETTER<< than those sent by the Coast
>Guard on ~300 kHz or by commercial firms like DCI on FM broadcast
subcarriers.

>With these corrections poked into your GPS receiver, you should obtain 1-10
>meter accuracy within about 50 miles of the beacon site (Greenbelt MD) and
>should see improvements out to the 100-200 mile range. The DGPS beacons
>should virtually eliminate effects of Selective Availability and GPS
>broadcast ephemeris errors, and will minimize errors due to signal
propagation

>thru the ionosphere and troposphere.

>

>To use them, you need to make sure there is some data path from your TNC's
>data output into your GPS rcvr's input. This can be a direct TNC->GPS
>connection, or Bob has hooks in APRS to handle it for you. You may need
>to enable DGPS data on your GPS receiver; for example, in the Garmin 38/40/45
>you need to go to the INTERFACES menu item, and select either NMEA/RTCM or
>NONE/RTCM. For most receivers, your TNC needs to be set to 4800 baud async
>data rate to make things work.

>

>So please, send me (or post here) news on how the DGPS corrections are
>working for you! So far, apparently only a couple of us are using the
>correction signals.

>

>73, Tom

>

>

----- Worldwide leaders in Real Time DGPS-----

Ronald P. Haley PH: +1-408-446-8350
President and C.E.O. Fax: +1-408-446-8383
Differential Corrections Inc E-Mail: ronhaley@dgps.com
10121 Miller Ave Web: http://www.dgps.com
Cupertino, CA 95014

From bruninga@nadm.navy.mil Mon Oct 07 22:38:32 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA09995 for <aprssig@tapr.org>; Mon, 7
Oct 1996 22:38:29 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id XAA18250 for <aprssig@tapr.org>; Mon, 7 Oct 1996
23:43:34 -0400 (EDT)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 7 Oct 1996 23:43:34 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5447] Travel to Annapolis

In-Reply-To: <199610072346.SAA29150@tapr.org>

Message-ID: <Pine.GSO.3.95.961007234134.17032F-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 7 Oct 1996 mark.endicott@nashville.com wrote:

> I am going to be in Annapolis for the Boat Show starting wednesday
> evening. Anybody got a list of 2mtr or 440 repeaters in the area. And
> should I take my mini personal tracker?

APRSdos REPLY/COMMENT: 147.105, 146.805, 146.94 and possibly 146.55
simplex. The boat show is 1 mile from the nearest WIDE

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From wa8inz@concentric.net Mon Oct 07 22:42:26 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA10105 for <aprssig@tapr.org>; Mon, 7
Oct 1996 22:42:24 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id XAA03025; Mon, 7 Oct 1996 23:42:19 -0400 (EDT)

```
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61041d0019la.concentric.net [206.173.236.31])
    by cliff.cris.com (8.7.5)
    id XAA19119; Mon, 7 Oct 1996 23:42:15 -0400 (EDT)
Message-ID: <3259E9A3.A42@concentric.net>
Date: Mon, 07 Oct 1996 22:41:55 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5449] RE: smallest gps/tnc
References: <01BBB498.D3735400@athena-21.the-hermes.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
```

```

> M'@@@@@2L?I+ZC$!F=;@#='0]4'@'0!C9&%V:61S;T!H96UI<W!H97)E
> M+FYE;V-O;6TN;F5T'%--5% `8V1A=FED<V] :&5M:7-P:&5R92YN96]C;VUM
> M+FYE= ' '>' '(P'0' '4' ' !33510' ' ' !X' 'S !' ' '( ' '&-D879I
> M9' -00&AE;6ES<&AE<F4N;F508V]M;2YN970' 'P'5# $' ' '# /X/!@' ' '!X'
> M'3 !' ' '(@' ' '"=C9&%V:61S;T!H96UI<W!H97)E+FYE;V-O;6TN;F5T)P'
> M'('! "S !' ' ')0' ' '%--5% Z0T1!5DE$4T] 2$5-25-02$5212Y.14]#3TU-
> M+DY%5 ' ' '# ' 'Y' ' ' 'L'0#H' ' ' '@'V#P$' ' ' '$' ' ' ' ' !0(!^0\!
> M' ' '70' ' ' ' ' " !*Q^DOJ,0&9UN' -T!#JU0' ' ' ' '!&-D879I9' -00&AE;6ES
> M<&AE<F4N;F508V]M;2YN970`4TU44 !C9&%V:61S;T!H96UI<W!H97)E+FYE
> M;V-O;6TN;F5T' ' ' '*B8`0B !P'8' ' ' '25!-+DUI8W)O<V]F="!-86EL+DYO
> M=&4' ,0@!!( ! ' "0' ' ' !213H@6T%04E-324<Z-30T-5T@<VUA;&QE<W0@9W!S
> M+W1N8P`Q`P$%@ , #@' ' ' ,P' " @' ' ' !4`*P`V` '$`6P$!(( # `X` `# ,!PH`
> M!P'5` "$`"0`!`"0`!`0F` `0`A` ' ' '03@P,S1%-D8X-#(P1# Q,4)$-3<T-#0U
> M-3,U-# P,# `R08!`Y &` `@&` `2` ' ' "P`C` ' ' ' '#`"8` ' ' ' 'L`*0`
> M' ' 'P`V` ' ' ' ' !`#D`P`#&*;JTNP$>' ' `0` ' "0` ' ' !213H@6T%04E-3
> M24<Z-30T-5T@<VUA;&QE<W0@9W!S+W1N8P` " `7$` `0` ' ' !8` ' ' ' !N[2Z*;UO
> M3@.I((01T+U71$535 ' ' ' '>' !X,`0` ' ' '0` ' ' !&05@` ' @`?# $` ' ' '2` ' '
> M*$S$@*#0Q,"D@-3$X+38U.3<` ' ' '#` `80R >?C0,`!Q`="P` ' ' '@`($ $` ' ' !E
> M' ' '0TA!4DQ%4T1!5DE$4T].5U)/5$4Z25!,04Y/3D1/24Y'051(4E4M2$E+
> M14]&$A%05!004Q!0TE!3E1204E,3D585%E%05)-64%04E,01U!334]"24Q%
> M25-(3U!,15-33%E43P' ' ' ' "0D0`0` ' ' '(8$` ' ' " !` ` _@8` '$Q:1G7^%5+1
> M_P`*`0`\`"%0*H!>L"@P!0`0() `@!C: K <V5T,C<&` ` ;#`H,R`\4" ` ' !R0G$1
> MXG-T96T"@S-W`N0`$P*#-!$%$U,/WV;>-0-%$S4';0* ?0J " ,_%"=D[&B\R
> M-34"@ J!@PVQ`V!N9S$P,Q1000L#;&DQ-#0"T6E^+1X3#- >$PM5%%$+ \F,I
> M#> @0Q&!; >11&&0=FED<P(@(' <#8(T3T#H+1A5A<S$V("+[ "J ADF,%0 J'
> M'VXC!R6JG$D@`U$#H"%19& \+@ AG(&$8,&AR=2T0:&EK92;09B!TLF@H$S$P
> M"K +8&,' ,!D#H%1R"W #(&YE>$\C>0L9)(\%0`EE"L N!070>12P4%)3+T=V
> M4 7P!&!B`Q H$ 0`($QH;PM0!Y!S;"S@=,AO;R +8')G*! NT#X@!: `@02!
> M+Y *P')YWR<R* @4A42=P`)!X+8$",*YH+B G\2RP5Q& = 0@E2AB<P# ;""Q
> M="PO`!AI9V@3T!/( &=PH',0=&YC)V!V*7&` `: MT2H%;F]W/R9@605 <V@
> M<`@0=PA@;/AD(&(H$`FP,J 08@M0_R&@+8 LX '0.& M@`W")^/1`U(@1V4%
> ML<`<'," ]B?2H%30MQ*! A$`=P+0(AXR6@+-%B=6000 5 ` _#W,U F@ -@8C-!
> M+. UX 5 ]R"P. $H$' (<!%Q$; Q<.YU$7 G82H%<Q.S++ EH/)(-?!E=C !
> M)G VQ!/\SQR"?!J;RS@/"%!$`=!OR% /<$8#:.1"X "$XCG^+XR,?*I\@
> M(3$_\ 20+>/I)W!P;P00:34R(4 *0`M!$ (@.D45114GD"@03?Q)3070!' V
> MX$<U0?$LX @H,2(>\"XW(BG/*% I8 " .*:T+0(@+J$(5$Y#2R D.3 I[3_!
> M00) ` -!H115,," ]B:GD(82!&X`<RH 5 0<<)P1G /_!05D9,T$060Q/0!< H
> M,"XT2U$B`" M+2 D,3(Y[TNP`' W`M0=2=0`X!%%7U.HV8A` `6P3# H$`U2
> M*.TF<'4^42AB1PK .* #H/$M42TT-5'T3J$G8#:.1_45 8R@`. $MHT,F2:T\
> M8T<'0"% )V!C8V4%,34[4@$'0&]2@CWP,K$H.'XM+; %0!HP2#91\T45./\G
> M`#/#03# `0%J&4A(3T""P[P> 4+(H8`X!9#*@)W \X/]6T"]B+C ]P3S@$;!--
> M0CR!_T051\$0L4455G)502T".3# [!; `P'0_P4FB7B4P8%J&OP6@-N54@5X!
> M+0 `D&=:,>]!4 > +S$TH'E%2^A7/"_2'($(:05B,1L51P<$(T_P3P*` ]
> MP0/P,?$H8$>P0G+_`P`NT 40)T%.HT21"<$$$-]#)E>?2D<TYSE#0UY" `C!\
> M($4=,#K1!G$=,#.@21,TH"RP*#0=4"TR-N%;$#8W,S9-,&Q)3]1/;;]/5F]/
> M2R U,5L0.- V-"TW'' Q<3=%%7U ``!4HBX"3Y T8&O-5P<\<F[% ,Z!.,UA,
> M3;]%'PN1%U$7P7 &5$`?- ```,`$!` ' ' 'P`1$` ' ' ' !` ` <PX`J`J;BT
> DNP% ``@PX`J`J;BTNP$>`#T` `0` ' ' '4` ' ' !213H@` ' ' ' %W#
> `
> end

```

Gosh sure appreciate it if you would fix your mailer Will so we don't get that WINMAIL.DAT file along with your message. Thanks in advance.

--

\\///
(0 0)
--o0-(_-)-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From wa8inz@concentric.net Mon Oct 07 22:43:44 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA10163 for <aprssig@tapr.org>; Mon, 7
Oct 1996 22:43:42 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id XAA03245; Mon, 7 Oct 1996 23:43:41 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61041d00191a.concentric.net [206.173.236.31])
by cliff.cris.com (8.7.5)
id XAA19398; Mon, 7 Oct 1996 23:43:39 -0400 (EDT)
Message-ID: <3259E9F6.4B17@concentric.net>
Date: Mon, 07 Oct 1996 22:43:18 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: WINMAIL.DAT
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry didn't mean to send that last message to the sig. And i also failed
to strip the WINMAIL.DAT file from it.

--

\\///
(0 0)
--o0-(_-)-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From sams@jetlink.net Mon Oct 07 23:25:12 1996
Received: from blackbird.jetlink.net (blackbird.jetlink.net [206.72.64.10]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA11995 for <aprssig@tapr.org>; Mon, 7
Oct 1996 23:25:11 -0500 (CDT)
Received: from [206.72.64.200] (ppp200.dialup.jetlink.net [206.72.64.200]) by

blackbird.jetlink.net (8.7.6/CSE) with SMTP id VAA17959 for <aprssig@tapr.org>;
Mon, 7 Oct 1996 21:21:24 -0700 (PDT)
X-Sender: sams@mail.jetlink.net
Message-Id: <v01530501ae7eb12c7354@[206.72.64.101]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 7 Oct 1996 21:24:03 +0800
To: aprssig@tapr.org
From: sams@jetlink.net (sam stanifer)
Subject: Re: [APRSSIG:5449] RE: smallest gps/tnc

>Here is a possible solution:

>

>The MIM Module is a tiny (1"x1.7") transmit-only TNC (\$90). Attach
>it to your 1 watt Agrelo HPVFC transmitter (0.4"x1" -- \$129) and plug in
>your favorite GPS (I use the Garmin GPS-45) and you are packet mobile.
>The MIM Module will also accept 5 analog inputs (8-bit resolution) and
>8 digital inputs and telemeter this data back to home base. All transmissions
>are in APRS format. The telemetry inputs could be used to signal emergency
>conditions if you set up some scheme with those monitoring your progress.

>

>The MIM Module is available from Clement Engineering, Inc. (410-268-6736).
>The HPVFC is available from Agrelo Engineering, Inc. (518-864-7551).

>

>Hope this helps.

>

>Will Clement, N3XLM

>

The MIM Module seems to be very useful for many APRS apps. Is there any
operations/configuration info on-line beyond that in TELEMTRY.txt?

73,Sam,KJ6BU

From bbliss@juno.com Tue Oct 08 02:06:33 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA23432 for <aprssig@tapr.org>; Tue, 8
Oct 1996 02:06:31 -0500 (CDT)
Received: (from bbliss@juno.com) by x9.boston.juno.com (queuemail)
id BAA00766; Tue, 08 Oct 1996 01:27:28 EDT
To: aprssig@tapr.org
Subject: LL BBS Numbers
Message-ID: <19961007.203030.2287.0.bbliss@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-53,55-98,100,102-105
From: bbliss@juno.com (William B. Bliss)
Date: Tue, 08 Oct 1996 01:27:28 EDT

All on the sig: APRS LL BBS Download umbers

Following info I have been putting out on the Packet BBS's as info
for all

Latest DOS VER Can be found at addresses below, if no modem or
Net, send 2 blank disks in CARDBOARD mailer with return postage, to me.
Am good in book and QTH LISTING SAMS ..

Also note the new KA6EYH INTERNET FTP Address, FOR MAC & DOS versions.

ftp://140.175.180.4.pub/aprs or pooh.muncey.com

(pooh.muncey.com IP 140.175.180.4 in the pub/aprs dir)

They are also found on N6FRI, TAPR, and few other sites.

APRS LL Phone and Internet INFORMATION:.....10/01/96 APRSLL.NRS

ROY, KA6EYH DALY CITY, CA. APRS DOS & MACINTOSH FILES:

Internet: @pooh.muncey.com ip 140.174.180.1 in pub/aprs dir.
logon as Guest or Anonymous with EMail addr as PasWrd.

OTHERS: Bob/N6FRI..Berkeley, CA. outstanding APRS Net page &
cAve infor as well:

http://www.cave.org
APRS... http://www.ccnet.com/~rwilkins/aprs.html
Home/personal.. bwilkins@cave.org

@ oak.oakland.edu in SIMTEL/PACKET/PUB/HAMRADIO

@ tapr.org in tapr.sig.aprssid. TAPR,- Tucson Amateur
Packet Radio, - AZ.

@ftp.drigr.com /pub/aprs Dallas Remote Imaging Group.

APRS INTERNET, (SIG) SPECIAL INTEREST GROUP:

To subscribe, send a message to "listserv@tapr.org" with the following
line in the body of the message: subscribe list full_name...

Example: "subscribe aprssid FirstName, Last name."

All msg digested, add: "set aprssid mail digest."

Local Bay Area LL and USA BBS Numbers: APRS DOS SYSTEMS & FILES.....

415-359-6985 KA6EYH, Roy Daly City, Ca. Sfran area.
(Password "COAST" use D-Download, then DOS commands,
9600baud and ZGET -file.))

510-827-5714 No-Name, Walnut Creek, Ca. area
510-370-0459 ???? Walnut Creek, Ca. area
916-323-4826 CARES, Sacramento area..(APRS.NWS)sig

file

209-625-0618 N6QOV, Visalia, Ca. area
408-459-9903 WB6SSY, Login, "hamradio", SBay Area

"WB6SSY a UNIX System, ltrs case sensitive, use lower case only."

TAPR.. 512-475-6145 TAPR BBS, Denton, TX Greg/WD5IVD

USA. 410-280-2503 ***** N3JUY, ARN ANNAPOLIS, Md. APRS 1ST filed.

| | |
|--------------|---|
| 602-938-7528 | N7QVU, BBS, Phoenix, Az. Very Good ..APRS Files |
| 407-575-9680 | Florida, APRS Files |
| 614-443-4249 | Columbus, Ohio, APRS Files |
| 803-233-3527 | South Carolina, APRS Files |
| 703-207-9622 | Vienna, Virginia, APRS Files |

PNW. 503-658-6116 N6TR, Boring, OR. APRS Files
(For any PNW "OR/WA" APRS info QSO Griff/N7ZKL @ K7IQI Beaverton, OR.)

| | |
|--------------|---|
| 520-778-9198 | WC7R, Prescott, Az. APRS FILES |
| 816-628-5776 | KU0G, Kansas City, Kn. APRS SUPPORT MIDWEST |
| 619-279-3921 | WA6MHZ, Flinn Springs |
| 803-299-6185 | W4VIW, BBS, Greenville, SC. |
| 214-492-7057 | N5ITU, Dallas Remote Imaging Group (DRIG) |

CANADA:

| | |
|--------------|---|
| 905-459-4477 | VE3SVE, Ontario/Toronto Area. |
| Webb Site... | http://www.projectx.com/aprs |
| FTP site... | ftp://ftp.projectx.com |

MACINTOSH and WinAPRS..

1. WU2Z/Keith Sproul, New Brunswick, Nj. MacAPRS AUTHOR/Guru...
QSI for MAC info, @W2EMU.NJ.USA.NOAM.. Home--908-821-4828,
Work --908-445-3695. or via the Internet:
ksproul@noc.rutgers.edu, or <http://www-ns.rutgers.edu/~ksproul/>
2. QSO SAM/K06JR @ 510-229-5705 phone only, No LL BBS system
Work @ 510-669-4096

Any further additions, corrections or comments, advise..

APRS, TRY IT, YOU'LL ENJOY IT, and OUTSTANDING Packet Program.
available on the INTERNET, a whole new WORLD in Packet Radio.

73's & Enjoy, Bill/WB6LPG@KA6EYH.#NOCAL.CA.USA.NOAM
(3727.39N/12226.29W)

<bbliss@juno.com> or
<wbliss@coastside.net>

NNNN

From aprs@juno.com Tue Oct 08 03:09:20 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA25262 for <aprssig@tapr.org>; Tue, 8
Oct 1996 03:09:18 -0500 (CDT)

Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail)
id DAF11924; Tue, 08 Oct 1996 03:49:52 EDT
To: aprssig@tapr.org
Subject: Gerry Creager
Message-ID: <19961007.215049.12422.5.aprs@juno.com>
References: <199610072120.0AA18795@dfw-ix1.ix.netcom.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0,2-5
From: aprs@juno.com (ap rs)
Date: Tue, 08 Oct 1996 03:49:52 EDT

What ever became of him?
I sent a private Email and got no response and haven't seen him here in a long time.

Ralph
rwf@mindspring.com

From oscar24@juno.com Tue Oct 08 03:22:46 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA25637 for <aprssig@tapr.org>; Tue, 8 Oct 1996 03:22:45 -0500 (CDT)
Received: (from oscar24@juno.com) by x10.boston.juno.com (queuemail)
id SAA03914; Mon, 07 Oct 1996 18:11:22 EDT
To: aprssig@tapr.org
Date: Mon, 7 Oct 1996 15:15:20 PST
Subject: Aprs: Ultimeter
Message-ID: <19961007.151526.7270.0.oscar24@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 5-10
From: oscar24@juno.com (Robert B Stewart)

After reviewing the documentation I still do not understand how to setup the aprs system with the weather station. Currently I am using version 77b of your program. Do you have available to the novice user any documentation that would explain how to set up and run your aprs system as a weather station. I have registered copy as well as a registration for GPS and WX. Any help in this area would be greatly appreciate.

Sincerely,
Bruce Stewart, N9GKE
5 Adina Place
Lafayette, IN. 47905

From bbliss@juno.com Tue Oct 08 03:38:35 1996
Received: from x9.boston.juno.com (x9.boston.juno.com [205.231.100.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA26117 for <aprssig@tapr.org>; Tue, 8 Oct 1996 03:38:33 -0500 (CDT)
Received: (from bbliss@juno.com) by x9.boston.juno.com (queuemail)
id DAA20078; Tue, 08 Oct 1996 03:13:18 EDT
To: aprssig@tapr.org
Subject: HF Gateways
Message-ID: <19961007.210433.2287.1.bbliss@juno.com>

X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-10,12,14-15,17-18,20,22-24,26-27,29-31,33-42
From: bbliss@juno.com (William B. Bliss)
Date: Tue, 08 Oct 1996 03:13:18 EDT

Hello to the Sig.. Foll info ref recient replies via Gates. May be
of Info for Mac/WinAPRS users.

QUOTED FOR INFORMATION AND GUIDANCE.....

HF.txt 7.1b HF APRS BOAT AND RV TRACKING NET
DOS. README.DIR, File: HF.TXT Quoted in part.....By WB4APR....

QUOTE:

GATEWAYS: By assigning the generic callsign of GATE to the gateway
function
in the dual port Kantronics or AEA TNC's, any HF station can gate-way
into
the local VHF net. HF stations can probably use the VIA path of GATE
most of the time, because the slow HF operation could hardly clutter up
any
local VHF APRS networks. But users on VHF APRS networks should NEVER use
GATE on the VHF side of their gateways except under extreme
circumstances.
This is because there are hundreds of times more VHF users than there are
HF
users and the 1200 baud users would totally saturate the HF net!

To repeat: The purpose of HF/VHF gateways is to permit VHF local
area
APRS nets to see the movements of nationwide RV and BOATER mobiles. For
example, when I go GPS mobile, I do not want to leave my HF station
running
at home so my wife can follow my status. But If I send my HF mobile APRS
reports via the local HF GATEway, then my wife can see me on our computer
which only needs to have a VHF TNC. Please DO NOT GATEWAY from VHF
through
a gateway ONTO HF except under very unusual circumstances! Similarly, if
you are on HF, only use ONE WIDE after the GATE so as not to clutter up
everyone's VHF nets.

UNQUOTE.....

73's & Enjoy, Bill/WB6LPG. <bbliss@juno.com><wbliss@coastside.net>

NNNN

From jleonard@tbcnet.com Tue Oct 08 06:31:26 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id GAA00348 for <aprssig@tapr.org>; Tue, 8 Oct 1996
06:31:24 -0500 (CDT)

Received: from PR145.tbcnet.com (PR145.tbcnet.com [207.112.227.45]) by
tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id GAA20399 for <aprssig@tapr.org>; Tue, 8
Oct 1996 06:31:21 -0500
X-Authentication-Warning: tbc1.tbcnet.com: Host PR145.tbcnet.com [207.112.227.45]
didn't use HELO protocol
Message-Id: <1.5.4.32.19961008113036.006a61b0@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 08 Oct 1996 06:30:36 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:5451] Re: APRS SKYWARN

Hi Jim,

The site's still at
<http://tbcnet.com/~davidc/aprs.html>

but I really don't know who's running it now. The last I heard, David
Chesser wasn't keeping it up, and according to what it says, Henry N9WMM is
now the pres of NIAN, but there's no mention of Ed Rogers, Dave Chesser, et
al, who were the motivations behind APRS around here. Seems to me that it
ought to recognize some people in this area.

My site was a 1st time effort to get into web pages. It'll be going thru
some major face lifting soon.

barry

At 22:34 10/7/96 -0500, you wrote:

><major surgery>

>>>jbl

>>>-----

>>>J Barry Leonard/N9VJQ

>>>DeKalb IL

>>>E-MAIL: jleonard@tbcnet.com

>>>WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>

>

>

>Is this the NEW NIAN web site, Barry? The link I had no longer responds.

>The servers sez no such page at this address for what I had before...

>

>

>73 de Jim, KU0G

>73 de Jim, KU0G

>Chairman/Coordinator

>Kansas City APRS Working Group

>EMail: ku0g@sprynet.com

>

J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com

WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>
American Red Cross Disaster Services - DeKalb Co Chapter

From dwittich@concentric.net Tue Oct 08 09:22:20 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA05456 for <aprssig@tapr.org>; Tue, 8
Oct 1996 09:22:18 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id KAA21636; Tue, 8 Oct 1996 10:22:17 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <dwittich@concentric.net>
Received: from witticd.USFG.COM (cnc041060.concentric.net [206.173.33.60])
by cliff.cris.com (8.7.5)
id KAA28867; Tue, 8 Oct 1996 10:22:15 -0400 (EDT)
Message-Id: <1.5.4.32.19961008142253.006788ac@pop3.concentric.net>
X-Sender: dwittich@pop3.concentric.net
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 08 Oct 1996 10:22:53 -0400
To: aprssig@tapr.org
From: Doug Wittich <dwittich@concentric.net>
Subject: Re: [APRSSIG:5420] Re: More on W3IWI-13 DGPS Beacon

At 05:04 PM 10/6/96 -0500, you wrote:

>Tom Clark -- W3IWI wrote:

>>

>> I have received several signal reports that the beacon is being heard
>> for a few miles. Obviously coverage is limited by the lack of a good
>> area digipeater on 145.79!

>>

I'm hearing you now about 4 miles NE of the NE corner of Baltimore City,
about three miles from I-95 exit 67.

I am currently not online enough to depend on for digi, and my signals don't
hit wb4apr-1 very often. I think I'm colliding a lot with many others, and
my 5 watts don't go far in a competition.

Doug

From reeves@christenson.com Tue Oct 08 10:59:00 1996
Received: from vista.hevanet.com (root@hevanet.com [198.5.254.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA08684 for <aprssig@tapr.org>; Tue, 8 Oct 1996
10:58:58 -0500 (CDT)
Received: from ke-ppp01.hevanet.com by vista.hevanet.com with smtp
(Smail3.1.28.1 #15) id m0vAeXl-0010PGC; Tue, 8 Oct 96 08:58 PDT
Message-Id: <m0vAeXl-0010PGC@vista.hevanet.com>
Date: Tue, 8 Oct 96 08:58 PDT
X-Sender: reeves@hevanet.com (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Ron Reeves <reeves@christenson.com>

At 07:38 PM 9/23/96 -0500, you wrote:

>All remaining shirts are being picked up and sent tomorrow night.

>You should all have your shirts by the end of the week.

>

>I actually broke even !!

>

>I have several XXL shirts that are still available if anyone is interested.

>

>If I get alot more orders I will make another run of them.

>73 Mike

>KD4EMI@AOL.COM

>

>

Has anyone received their shirts in the mail?? I ordered 4 and have received none.

I tried to contact Mike direct but my e-mail was returned from aol.

"The mail you sent could not be delivered to:

550 kd4emi@aol.com is not a known user"

Did they go out or not??

Mike, if you have a new address please contact me direct at
reeves@christenson.com

Ron

N7QX0

reeves@christenson.com

If you have the wrong answer, change the question.

From kb6lfm@ix.netcom.com Tue Oct 08 14:12:06 1996

Received: from dfw-ix12.ix.netcom.com (dfw-ix12.ix.netcom.com [206.214.98.12]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id 0AA18546 for <aprssig@tapr.org>; Tue, 8 Oct 1996 14:12:04 -0500 (CDT)

From: kb6lfm@ix.netcom.com

Received: from ala-ca12-15.ix.netcom.com (kb6lfm@ala-ca12-15.ix.netcom.com [199.35.209.207]) by dfw-ix12.ix.netcom.com (8.6.13/8.6.12) with SMTP id MAA08014; Tue, 8 Oct 1996 12:11:23 -0700

Message-ID: <325AA700.6E15@ix.netcom.com>

Date: Tue, 08 Oct 1996 12:09:52 -0700

X-Mailer: Mozilla 2.01E-NC250 (Win95; U; 16bit)

MIME-Version: 1.0

To: aprssig@tapr.org

CC: kswaggart@aol.com, bbliss@juno.com, AC6JA@aol.com

Subject: 20m GATE

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

G'day SIG.

In response to Mike (AC6JA) inquiry re; a 20m GATE, I will begin operating a GATE on 14.098 Mhz "MARK" TNC is a KAM+. Parameters are; MARK 2125, SPACE 2295, SHIFT 170 and I'll be using the ALIAS of TUNE1. Rig will be a TS-450s/AT with the TCXO high stability oscillator, and I'll be using a filter with a bandpass of 500 Hz. Antenna will be a 2 element Quad at 50'. Power will vary from 85W to 1500W. Station location is; 37.43.30N X 122.10.48W.

Please address your comments to:
kb6lfm@ix.netcom.com KB6LFM@W6PW.#NOCAL.CA.USA.NOAM
Signal reports with DATE & TIME HEARD (in UTC please) are welcome.

Cheers. Bill

From lcb911@apex2000.net Tue Oct 08 16:16:13 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA23927 for <aprssig@tapr.org>; Tue, 8 Oct 1996 16:16:10 -0500 (CDT)
Received: from [207.18.66.109] by starone.apex2000.net (NTMail 3.01.03) id ia054140; Tue, 8 Oct 1996 16:19:04 -0500
Message-Id: <1.5.4.16.19961008161505.25d79208@apex2000.net>
X-Sender: lcb911@apex2000.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Les Blalock <lcb911@apex2000.net>
Subject: AutoWx (for U-II)
Date: Tue, 8 Oct 1996 16:19:04 -0500

For those wanting the Ultimeter II version of the AutoWeather packet/weather program...

It's been uploaded to the tapr ftp site. Look for it in the UPLOAD directory until it's moved into the /weather directory. The filename for this version is AWII81A.ZIP

This version transmits wx beacons in the newer APRS format (77b).

73 de Les/N5K0A

From ronhaley@dgps.com Tue Oct 08 16:20:47 1996
Received: from server.DGPS.COM (dgps.com [165.113.153.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA24319 for <aprssig@tapr.org>; Tue, 8 Oct 1996 16:20:45 -0500 (CDT)
Received: from DIFFSERV by server.DGPS.COM (NTMail 3.02.07) with ESMTP id ra000017 for <aprssig@tapr.org>; Tue, 8 Oct 1996 12:57:26 -0700
Message-Id: <3.0b28.32.19961008130634.00a452a0@dgps.com>

X-Sender: ronhaley@dgps.com
X-Mailer: Windows Eudora Pro Version 3.0b28 (32)
Date: Tue, 08 Oct 1996 13:06:41 +0100
To: aprssig@tapr.org
From: "Ronald P. Haley" <ronhaley@dgps.com>
Subject: Re: [APRSSIG:5390] Garmin45 problem
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Richard,

Unfortunately you don't have a uniquely bad Garmin45. I purchased one over the weekend, and after a few days of testing, and discussions with Garmin Tech support, I have concluded that the product is totally unsuitable for use with APRS.

First, it is a single channel receiver, and multiplexes between up to 8 satellites. Unfortunately, any sort of tree coverage causes it to lose lock on all the satellites.

Second, reacquisition after losing lock when you are mobile is problematic.

I have had three scenarios;

- a) Message Poor Coverage followed by the unit turning itself off.
- b) Message Turn unit off to reinitialize
- c) Unit locked up

Not once have I had the unit re-acquire satellites by itself in a mobile environment after it has lost them all.

If anyone else has had similar problems. or has a solution let me know. Garman technical support wasn't able to help with c) above. However they think that a) and b) are normal. Unworkable in an APRS or in almost any environment.

I am going to try the Magellan next.

At 01:24 AM 10/5/96 -0500, you wrote:

>I have a Garmin45 in my car hooked to the car 12v. Do you run it with or
>without the batteries.

> But the problem I had today was that it stopped working. By that I mean I
>left it running while I went to lunch. When I got back (about 1 1/2 hrs,
GOOD

>lunch) it was flashing 'poor gps coverage' and all the signal strength
>indicators were gone. I turned it off and back on and got 8 bars right
away. I

>was in a parking lot away from any buildings and had a good view of the sky.

> I have thought this has happened before when I have been driving for a
couple

>of hours. I thought I DID lose coverage. Now I am not so sure.

> Do I have a bad 45?

>

>Thanks for any info.

>Richard N7Rig

>

>

>

----- Worldwide leaders in Real Time DGPS-----

Ronald P. Haley

PH: +1-408-446-8350

President and C.E.O.

Fax: +1-408-446-8383

Differential Corrections Inc

E-Mail: ronhaley@dgps.com

10121 Miller Ave
Cupertino, CA 95014

Web: <http://www.dgps.com>

From hammock@wired.jpl.nasa.gov Tue Oct 08 17:36:40 1996
Received: from wired.jpl.nasa.gov (wired.jpl.nasa.gov [128.149.72.59]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA26868 for <aprssig@tapr.org>; Tue, 8 Oct 1996 17:36:37 -0500 (CDT)
Received: by wired.jpl.nasa.gov (931110.SGI/920502.SGI.AUT0)
for aprssig@tapr.org id AA29989; Tue, 8 Oct 96 16:17:47 -0700
From: "Randy Hammock" <hammock@wired.jpl.nasa.gov>
Message-Id: <9610081617.ZM29987@wired.jpl.nasa.gov>
Date: Tue, 8 Oct 1996 16:17:47 -0700
In-Reply-To: "Ronald P. Haley" <ronhaley@dgps.com>
"[APRSSIG:5466] Re: Garmin45 problem" (Oct 8, 4:40pm)
References: <3.0b28.32.19961008130634.00a452a0@dgps.com>
X-Mailer: Z-Mail (3.1.0 22feb94 MediaMail)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5466] Re: Garmin45 problem
Content-Type: text/plain; charset=us-ascii
Mime-Version: 1.0

On Oct 8, 4:40pm, Ronald P. Haley wrote:

> Subject: [APRSSIG:5466] Re: Garmin45 problem
> Richard,
> Unfortunately you don't have a uniquely bad Garmin45. I purchased one over
> the weekend, and after a few days of testing, and discussions with Garmin
> Tech support, I have concluded that the product is totally unsuitable for
> use with APRS.
> First, it is a single channel receiver, and multiplexes between up to 8
> satellites. Unfortunately, any sort of tree coverage causes it to lose
> lock on all the satellites.
> Second, reacquisition after losing lock when you are mobile is problematic.
> I have had three scenarios;
> a) Message Poor Coverage followed by the unit turning itself off.
> b) Message Turn unit off to reinitialize
> c) Unit locked up
> Not once have I had the unit re-acquire satellites by itself in a mobile
> environment after it has lost them all.
> If anyone else has had similar problems. or has a solution let me know.
> Garmin technical support wasn't able to help with c) above. However they
> think that a) and b) are normal. Unworkable in an APRS or in almost any
> environment.

Can't say I've ever experienced what you are describing, even before purchasing the Trimble antenna from Paccom. After purchasing the Trimble antenna, I was able to use my Garmin 45 for trail mapping in DENSE East Coast forest cover.

Never once did I get a "Poor GPS Coverage" message or have the unit fail to lock on the birds while horseback riding through the forests (Trimble antenna mounted on top of my riding helmet). Before purchasing the Trimble antenna, I used a Radio Shack window mount to remotely mount my Garmin stick antenna outside of the truck and without any amplification, never experienced such problems as being unable to lock onto the birds but it would give an occasional

Poor GPS Coverage message due to poor signal strength.

> I am going to try tha Magellan next.

If you want a consumer grade parallel receiver, go for the Eagle AccuNav. I beleive that the Magellans are no better than the Garmin.

> ----- Worldwide leaders in Real Time DGPS-----
> Ronald P. Haley PH: +1-408-446-8350
> President and C.E.O. Fax: +1-408-446-8383
> Differential Corrections Inc E-Mail: ronhaley@dgps.com
> 10121 Miller Ave Web: http://www.dgps.com
> Cupertino, CA 95014
> -----
>-- End of excerpt from Ronald P. Haley

--

| | | |
|------------------------------------|--------|---------------------------|
| Randy Hammock | KC6HUR | Jet Propulsion Laboratory |
| E-Mail: hammock@wired.jpl.nasa.gov | | 4800 Oak Grove Drive |
| Voice: +1-818-393-1214 | | M/S: 264-580 |
| Pager: +1-818-423-2062 | | PASADENA CA 91109 |

From ku0g@sprynet.com Tue Oct 08 17:51:47 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA27577 for <aprssig@tapr.org>; Tue, 8 Oct 1996 17:51:45 -0500 (CDT)
Received: from JIMDUNCA (ad72-075.compuserve.com [199.174.200.75]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id PAA13442 for <aprssig@tapr.org>; Tue, 8 Oct 1996 15:51:40 -0700
Date: Tue, 8 Oct 1996 15:51:40 -0700
Message-Id: <199610082251.PAA13442@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: James Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:5466] Re: Garmin45 problem

Just a comment regarding the Garmin GPS-45 that was just slam-hammered. Are there problems? Yes. Are they because the receiver is not any good? No. I would say that the person that just posted this message has gotten a faulty unit and should return it post haste to the place he got it for a replacement.

I have been using the 45 for six months now in a mobile environment. I have experienced some of the quirks but they are by no means COMMON occurences. They are minor bugs that I am sure will be cleared up.

It is my understanding that the 45 is an eight CHANNEL receivers not a

single channel unit. I may be wrong here but I've got some very tight relationships with Garmin these days. (See the KCAWG Web Site @ <http://home.sprynet.com/sprynet/ku0g> for information)

I'm not a Garmin employee and have no interest in promoting their product(s) but to say that it is totally useless for APRS is absolutely ridiculous. These are fine receivers and we have to remember that these are NOT military or aviation units but general consumer units.

Garmin fully supports APRS operations. We ARE a priority to Garmin. If it were NOT so then the Kansas City APRS Working Group would NOT have units consigned to it by Garmin for public service work and there would be no partnership for development and beta testing.

Just a word, in general, to the SIG....

There are some VERY exciting developments taking place at Garmin that will have a profound effect on APRS operations if all goes as anticipated. I can divulge nothing further at this point so please don't ask. To say the least, if this project flies then APRS usage will literally EXPLODE!!!

Wait, watch and listen....

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@sprynet.com

From kirk@neptune.gsfc.nasa.gov Tue Oct 08 17:55:30 1996
Received: from wheelo.gsfc.nasa.gov (wheelo.gsfc.nasa.gov [128.183.50.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA27694 for <aprssig@tapr.org>; Tue, 8 Oct 1996 17:55:28 -0500 (CDT)
Received: from neptune.gsfc.nasa.gov by wheelo.gsfc.nasa.gov (5.65/Ultrix3.0-C) id AA04300; Tue, 8 Oct 96 18:55:23 -0400
Received: from breezy.gsfc.nasa.gov by neptune.gsfc.nasa.gov via SMTP (950911.SGI.8.6.12.PATCH825/920502.SGI) id SAA26090; Tue, 8 Oct 1996 18:44:14 -0400
Date: Tue, 8 Oct 1996 18:44:14 -0400
From: kirk@neptune.gsfc.nasa.gov (Bob Kirk)
Message-Id: <199610082244.SAA26090@neptune.gsfc.nasa.gov>
Apparently-To: "<"<@gsfc.nasa.gov:aprssig@tapr.org>

From kirk@neptune.gsfc.nasa.gov Tue Oct 08 18:04:41 1996
Received: from wheelo.gsfc.nasa.gov (wheelo.gsfc.nasa.gov [128.183.50.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA28293 for <aprssig@tapr.org>; Tue, 8 Oct 1996 18:04:39 -0500 (CDT)
Received: from neptune.gsfc.nasa.gov by wheelo.gsfc.nasa.gov (5.65/Ultrix3.0-C) id AA03966; Tue, 8 Oct 96 18:42:41 -0400
Received: from breezy.gsfc.nasa.gov by neptune.gsfc.nasa.gov via SMTP (950911.SGI.8.6.12.PATCH825/920502.SGI) id SAA26093; Tue, 8 Oct 1996 18:45:45 -0400
Message-Id: <2.2.32.19961008224320.006ab668@neptune.gsfc.nasa.gov>
X-Sender: kirk@neptune.gsfc.nasa.gov
X-Mailer: Windows Eudora Pro Version 2.2 (32)

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 08 Oct 1996 18:43:20 -0400
To: aprssig@tapr.org
From: Robert Kirk <kirk@neptune.gsfc.nasa.gov>
Subject: Re: [APRSSIG:5447] Travel to Annapolis
Cc: mark.endicott@nashville.com

At 18:57 10/7/96 -0500, mark.endicott@nashville.com wrote:

>I am going to be in Annapolis for the Boat Show starting wednesday
>evening. Anybody got a list of 2mtr or 440 repeaters in the area. And
>should I take my mini personal tracker?

Mark... Try the Anne Arundel Radio Club at 147.105. Check in
on the morning commute net or weekend boating wx net at 11:00am
and 3:00pm. Welcome anytime. It's in Annapolis and covers the
DC & Baltimore areas.

The only decent 440 around is 442.300, also in Annapolis and
run jointly by the Maryland Mobileers & AARC. Good coverage
but not much activity.

By all means bring the tracker. Bob Bruninga's digi is on a 300'
Navy tower just across the Seern and you can pick it up with
the fillings in your teeth. Good APRS coverage; we'll be looking
for you at the boat show. (What's a Tennessean doing near the
water?)

Cheers,
Bob Kirk
N30ZB

From JohnLGaf@gnn.com Tue Oct 08 19:20:38 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA01170 for <aprssig@tapr.org>; Tue, 8 Oct 1996
19:20:37 -0500 (CDT)
Received: from 32-87.client.gnn.com. (32-87.client.gnn.com [205.188.32.87]) by
mail-e2b.gnn.com (8.7.1/8.6.9) with SMTP id UAA06954 for <aprssig@tapr.org>; Tue,
8 Oct 1996 20:20:04 -0400 (EDT)
Message-Id: <199610090020.UAA06954@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 08 Oct 1996 19:20:32
From: JohnLGaf@gnn.com (John L. Gafford)
To: aprssig@tapr.org
Subject: HSP Operation

I have a Garmin GPS20 connected to an MFJ 1270B with a Paccom HSP
switch all connected to a Toshiba notebook and an Alinco DR590.

I *think* I have set up the program correctly, but when it runs, I
get a message in the upper right hand corner that says "HSP PORT

TIMEOUT". Software is DOS APRS 7.7. What am I doing wrong?

John - N5XAK

From wa8inz@concentric.net Tue Oct 08 19:26:05 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA01321 for <aprssig@tapr.org>; Tue, 8 Oct 1996 19:26:03 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/09/19 1.3))
id UAA15466; Tue, 8 Oct 1996 20:25:59 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>

Received: from LOCALNAME (61045d00191a.concentric.net [206.173.236.127])
by cliff.cris.com (8.7.5)
id UAA23386; Tue, 8 Oct 1996 20:25:55 -0400 (EDT)

Message-ID: <325B0D1D.2668@concentric.net>

Date: Tue, 08 Oct 1996 19:25:33 -0700

From: William Nolle <wa8inz@concentric.net>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5470] Re: Travel to Annapolis

References: <2.2.32.19961008224320.006ab668@neptune.gsfc.nasa.gov>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Robert Kirk wrote:

>
> At 18:57 10/7/96 -0500, mark.endicott@nashville.com wrote:
> >I am going to be in Annapolis for the Boat Show starting wednesday
> >evening. Anybody got a list of 2mtr or 440 repeaters in the area. And
> >should I take my mini personal tracker?
>
> Mark... Try the Anne Arundel Radio Club at 147.105. Check in
> on the morning commute net or weekend boating wx net at 11:00am
> and 3:00pm. Welcome anytime. It's in Annapolis and covers the
> DC & Baltimore areas.
>
> The only decent 440 around is 442.300, also in Annapolis and
> run jointly by the Maryland Mobileers & AARC. Good coverage
> but not much activity.
>(What's a Tennesseean doing near the water?)
>
> Cheers,
> Bob Kirk
> N3OZB

Who Who Bob, them are fighting words! Hi.

--

\\\\\\\\

(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com
Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From lylej@azstarnet.com Tue Oct 08 20:56:15 1996
Received: from mailhost.azstarnet.com (mailhost.azstarnet.com [169.197.1.8]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA04747 for <aprssig@tapr.org>; Tue, 8 Oct 1996 20:56:13 -0500 (CDT)
Received: from tomswift2 (usr2ip49.azstarnet.com [169.197.3.49]) by mailhost.azstarnet.com (8.7.6/8.7.6) with SMTP id SAA13897 for <aprssig@tapr.org>; Tue, 8 Oct 1996 18:54:58 -0700 (MST)
Date: Tue, 8 Oct 1996 18:54:58 -0700 (MST)
Message-Id: <1.5.4.32.19961008185500.003793b4@pop.azstarnet.com>
X-Sender: lylej@pop.azstarnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Lyle Johnson <lylej@azstarnet.com>
Subject: Re: [APRSSIG:5452] Re: DGPS and ANNAPOLIS WIDE!

Ron,, Tom,

This is very interesting to me.

>A second delay will add at around 5 meters of error.

Somewhere (don't you love that reference?) I read that the acceleration of the rate of error from a GPS satellite was on the order of 1 cm/sec/sec. If the differential correction message gives both the instantaneous offset and its vector (rate), and if the accelration of the error rate is limited to 1 cm/sec/sec, then a 1 second delay shouldn't result in 5 meters of error.

I'm probably misinformed. I'd really like to underatnad the worst case ratea and accelrations to see how the 5 meter error is inferred for 1 second delay.

Thanks for any help you can provide for me.

Cheers,

Lyle

From stauros@onramp.net Tue Oct 08 22:35:36 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA08207 for <aprssig@tapr.org>; Tue, 8 Oct 1996 22:35:34 -0500 (CDT)
Received: from LOCALNAME (lbj35.onramp.net [199.1.154.35]) by mailhost.onramp.net

Project Manager PCS Implementation
PageMart Inc.

From ronald@cyberstreet.com Tue Oct 08 23:10:12 1996
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA09105 for <aprssig@tapr.org>; Tue, 8 Oct 1996 23:10:11 -0500 (CDT)
Received: from ronald.cyberstreet.com ([207.30.55.21])
by mail.cyberstreet.com (post.office MTA v1.9.3b ID# 114-12414)
with SMTP id AAA235 for <aprssig@tapr.org>;
Wed, 9 Oct 1996 00:13:03 -0400
Message-ID: <325B25A5.79CE@cyberstreet.com>
Date: Wed, 09 Oct 1996 00:10:13 -0400
From: Ronald Oblinger <ronald@cyberstreet.com>
X-Mailer: Mozilla 2.01 (Win95; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5468] Re: Garmin45 problem
References: <199610082251.PAA13442@m1.sprynet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

James Duncan wrote:

>
> Just a comment regarding the Garmin GPS-45 that was just slam-hammered.
> Are there problems? Yes. Are they because the receiver is not any good?
> No. I would say that the person that just posted this message has gotten a
> faulty unit and should return it post haste to the place he got it for a
> replacement.
>
> I have been using the 45 for six months now in a mobile environment. I have
> experienced some of the quirks but they are by no means COMMON occurrences.
> They are minor bugs that I am sure will be cleared up.
>
> It is my understanding that the 45 is an eight CHANNEL receivers not a
> single channel unit. I may be wrong here but I've got some very tight
> relationships with Garmin these days. (See the KCAWG Web Site @
> <http://home.sprynet.com/sprynet/ku0g> for information)
>
> I'm not a Garmin employee and have no interest in promoting their product(s)
> but to say that it is totally useless for APRS is absolutely ridiculous.
> These are fine receivers and we have to remember that these are NOT military
> or aviation units but general consumer units.
>
> Garmin fully supports APRS operations. We ARE a priority to Garmin. If it
> were NOT so then the Kansas City APRS Working Group would NOT have units
> consigned to it by Garmin for public service work and there would be no
> partnership for development and beta testing.
>
> Just a word, in general, to the SIG....
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> There are some VERY exciting developments taking place at Garmin that will
> have a profound effect on APRS operations if all goes as anticipated. I can
> divulge nothing further at this point so please don't ask. To say the

> least, if this project flies then APRS usage will literally EXPLODE!!!
>
> Wait, watch and listen....
> 73 de Jim, KU0G
> Chairman/Coordinator
> Kansas City APRS Working Group
> EMail: ku0g@sprynet.com

You scoundrel! Now I'll get no sleep - wondering, wondering.....ron

From henryvb@dpliv.com Tue Oct 08 23:11:44 1996
Received: from pcweb.dpliv.com (pcweb.dpliv.com [206.31.254.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA09212 for <aprssig@tapr.org>; Tue, 8 Oct 1996 23:11:43 -0500 (CDT)
Received: from ns.dpliv.com ([206.31.254.50]) by pcweb.dpliv.com (8.7.4/8.6.9) with SMTP id XAA18777 for <aprssig@tapr.org>; Tue, 8 Oct 1996 23:16:12 -0500
Message-ID: <325B23FC.665A@dpliv.com>
Date: Tue, 08 Oct 1996 23:03:08 -0500
From: henryvb <henryvb@dpliv.com>
Reply-To: henryvb@dpliv.com
Organization: Who's got time to get organized?
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: NIAN hasn't moved!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Mon, 7 Oct 1996 20:20:01 -0700 Jim Duncan queried of N9VJQ:

> Is this the NEW NIAN web site, Barry? The link I had no longer responds.
> The servers sez no such page at this address for what I had before...
>
Every once in a while that server gets stoopid, but we're still at:

<http://tbcnet.com/~davidc/aprs.html>

Henry
N9WMM
NIAN's Official Button Maker and Note Taker

From ku0g@sprynet.com Tue Oct 08 23:16:09 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA09259; Tue, 8 Oct 1996 23:16:05 -0500 (CDT)
Received: from JIMDUNCA (ad72-075.compuserve.com [199.174.200.75]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id VAA03281; Tue, 8 Oct 1996 21:15:52 -0700
Date: Tue, 8 Oct 1996 21:15:52 -0700
Message-Id: <199610090415.VAA03281@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: APRSSIG@tapr.org
From: James Duncan <ku0g@sprynet.com>
Subject: Kansas City APRS Working Group on the Web!
Cc: APRSFL@tapr.org

The Kansas City APRS Working Group's Home Page on the WorldWide Web has moved! Please make note of the NEW url and change your bookmarks or homepage reference links accordingly!!!

The new URL is:

<http://www.kcaprs.org>

The old URL (<http://home.sprynet.com/sprynet/ku0g>) will continue to respond to page hits through the end of October to allow time to change links, etc.

Special Note to all KCAWG members: Every KCAWG member will be assigned an EMail address with the domain name of @kcaprs.org in the near future! Those who do NOT have Internet accounts set up will soon be able to register for a special dial-up EMail/Internet account through our server!

KCAWG: Growing at the Speed of Light!

Wanna be one of us? Send check/money order for \$25.00 (annual dues) made payable to KCAWG to:

KC APRS Working Group
c/o Bill Young, KB0UZQ
P. O. Box 445
Platte City, MO 64079

To subscribe to PING, the KCAWG Monthly Newsletter, without joining KCAWG send payment of \$13.00... Your subscription will start with the current month's issue...

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@sprynet.com

From davidmc@goodnet.com Tue Oct 08 23:20:07 1996
Received: from goodguy.goodnet.com (root@goodnet.com [207.98.129.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA09495 for <aprssig@tapr.org>; Tue, 8 Oct 1996 23:20:05 -0500 (CDT)
Received: from 206.43.127.218 (tempe-ts12-25.goodnet.com [206.43.127.218]) by goodguy.goodnet.com (8.7.5/8.7.1) with SMTP id VAA17905 for <aprssig@tapr.org>; Tue, 8 Oct 1996 21:19:16 -0700 (MST)
Message-ID: <325B27DE.6BA6@goodnet.com>
Date: Tue, 08 Oct 1996 21:19:42 -0700
From: David & Roxanne McCarthy <davidmc@goodnet.com>
X-Mailer: Mozilla 2.02 (Macintosh; I; PPC)
MIME-Version: 1.0

To: aprssig@tapr.org
Subject: AZ DosAPRS Maps
References: <1.5.4.32.19961008113036.006a61b0@tbcnet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anybody have a set of maps for Arizona or know of a location to retrieve them for DosAPRS. DosAPRS only comes with USASwest and does not have a lot of detail. I have a map set for Win/Mac. I am trying to evaluate which version to register for and want to compare.

Any help will be appreciated.

David, KC7AYX
davidmc@goodnet.com

From reeves@christenson.com Tue Oct 08 23:36:29 1996
Received: from vista.hevanet.com (root@hevanet.com [198.5.254.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA09983 for <aprssig@tapr.org>; Tue, 8 Oct 1996 23:36:27 -0500 (CDT)
Received: from ron by vista.hevanet.com with smtp (Smail3.1.28.1 #15) id m0vAqMr-0010Z3C; Tue, 8 Oct 96 21:35 PDT
Message-Id: <1.5.4.32.19961009044014.0066c9ec@hevanet.com>
X-Sender: reeves@hevanet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 08 Oct 1996 21:40:14 -0700
To: aprssig@tapr.org
From: Ron Reeves <reeves@christenson.com>
Subject: Re: [APRSSIG:5041] Shirts

At 07:38 PM 9/23/96 -0500, you wrote:

>All remaining shirts are being picked up and sent tomorrow night.

>You should all have your shirts by the end of the week.

>

>I actually broke even !!

>

>I have several XXL shirts that are still available if anyone is interested.

>

>If I get alot more orders I will make another run of them.

>73 Mike

>KD4EMI@AOL.COM

>

>

Has anyone received their shirts in the mail?? I ordered 4 and have received none.

I tried to contact Mike direct but my e-mail was returned from aol.

"The mail you sent could not be delivered to:

550 kd4emi@aol.com is not a known user"

Did they go out or not??

Mike, if you have a new address please contact me direct at

reeves@christenson.com

Ron

N7QX0

reeves@christenson.com

Make it idiot-proof and someone will make a better idiot.

From ronhaley@dgps.com Tue Oct 08 23:45:49 1996

Received: from server.DGPS.COM (dgps.com [165.113.153.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA11130 for <aprssig@tapr.org>; Tue, 8 Oct 1996 23:45:44 -0500 (CDT)

Received: from DIFFSERV by server.DGPS.COM (NTMail 3.02.07) with ESMTP id xa000023 for <aprssig@tapr.org>; Tue, 8 Oct 1996 16:42:04 -0700

Message-Id: <3.0b28.32.19961008165015.00971b10@dgps.com>

X-Sender: ronhaley@dgps.com

X-Mailer: Windows Eudora Pro Version 3.0b28 (32)

Date: Tue, 08 Oct 1996 16:50:23 +0100

To: aprssig@tapr.org

From: "Ronald P. Haley" <ronhaley@dgps.com>

Subject: Re: [APRSSIG:5467] Re: Garmin45 problem

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Randy,

Which Trimble antenna did you purchase???

At 05:45 PM 10/8/96 -0500, you wrote:

>On Oct 8, 4:40pm, Ronald P. Haley wrote:

>> Subject: [APRSSIG:5466] Re: Garmin45 problem

>> Richard,

>> Unfortunately you don't have a uniquely bad Garmin45. I purchased one over the weekend, and after a few days of testing, and discussions with Garmin Tech support, I have concluded that the product is totally unsuitable for use with APRS.

>> First, it is a single channel receiver, and multiplexes between up to 8 satellites. Unfortunately, any sort of tree coverage causes it to lose lock on all the satellites.

>> Second, reacquisition after losing lock when you are mobile is problematic.

>> I have had three scenarios;

>> a) Message Poor Coverage followed by the unit turning itself off.

>> b) Message Turn unit off to reinitialize

>> c) Unit locked up

>> Not once have I had the unit re-acquire satellites by itself in a mobile environment after it has lost them all.

>> If anyone else has had similar problems. or has a solution let me know.

>> Garman technical support wasn't able to help with c) above. However they think that a) and b) are normal. Unworkable in an APRS or in almost any environment.

>

>Can't say I've ever experienced what you are describing, even before purchasing

>the Trimble antenna from Paccom. After purchsing the Trimble antenna, I was

>able to use my Garmin 45 for trail mapping in DENSE East Coast forest cover.
> Never once did I get a "Poor GPS Coverage" message or have the unit fail to
>lock on the birds while horseback riding through the forests (Trimble antenna
>mounted on top of my riding helmet). Before purchasing the Trimble
antenna, I
>used a Radio Shack window mount to remotely mount my Garmin stick antenna
>outside of the truck and without any amplification, never experienced such
>problems as being unable to lock onto the birds but it would give an
occasional
>Poor GPS Coverage message due to poor signal strength.

>
>> I am going to try tha Magellan next.

>
>If you want a consumer grade parallel receiver, go for the Eagle AccuNav. I
>beleive that the Magellans are no better than the Garmin.

>
>> ----- Worldwide leaders in Real Time
DGPS-----

>> Ronald P. Haley PH: +1-408-446-8350
>> President and C.E.O. Fax: +1-408-446-8383
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>> 10121 Miller Ave Web: http://www.dgps.com
>> Cupertino, CA 95014
>>

>>-- End of excerpt from Ronald P. Haley

>

>

>

>

>--

>Randy Hammock KC6HUR | Jet Propulsion Laboratory
>EMail: hammock@wired.jpl.nasa.gov | 4800 Oak Grove Drive
>Voice: +1-818-393-1214 | M/S: 264-580
>Pager: +1-818-423-2062 | PASADENA CA 91109

>

>

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10121 Miller Ave Web: http://www.dgps.com
Cupertino, CA 95014

From james-m@ix.netcom.com Wed Oct 09 00:59:57 1996
Received: from dfw-ix11.ix.netcom.com (dfw-ix11.ix.netcom.com [206.214.98.11]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA19546 for <aprssig@tapr.org>; Wed, 9
Oct 1996 00:59:55 -0500 (CDT)
Received: from acerp (sav-ga1-04.ix.netcom.com [205.184.8.36]) by dfw-
ix11.ix.netcom.com (8.6.13/8.6.12) with ESMTP id WAA03837 for <aprssig@tapr.org>;
Tue, 8 Oct 1996 22:59:18 -0700
Message-Id: <199610090559.WAA03837@dfw-ix11.ix.netcom.com>

From: "Don Murray" <james-m@ix.netcom.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:5459] Aprs: Ultimeter
Date: Tue, 8 Oct 1996 15:06:10 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Robert I have the ultimeter 2000 and use it with APRS. I had problems getting my system up and running as I did not set the WX station to the correct mode of operation. Be sure you set your Ultimeter to the data logging mode.. Instructions page 40 if you are using a Ultimeter 2k.

Hope this helps..
Don

> From: Robert B Stewart <oscar24@juno.com>
> To: aprssig@tapr.org
> Subject: [APRSSIG:5459] Aprs: Ultimeter
> Date: Tuesday, October 08, 1996 4:45 AM
>
> After reviewing the documentation I still do not understand how to setup
> the aprs system with the weather station. Currently I am using version
> 77b of your program. Do you have available to the novice user any
> documentation that would explain how to set up and run your aprs system
> as a weather station. I have registered copy as well as a registration
> for GPS and WX. Any help in this area would be greatly appreciate.
>
> Sincerely,
> Bruce Stewart, N9GKE
> 5 Adina Place
> Lafayette, IN. 47905
>

From etjm@ECUA.NET.ec Wed Oct 09 01:19:20 1996
Received: from ecua.net.ec (ecua.net.ec [157.100.1.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id BAA20230 for <aprssig@tapr.org>; Wed, 9 Oct 1996
01:19:15 -0500 (CDT)
Received: from dial2.c.ecua.net.ec by ecua.net.ec (AIX 4.1/UCB 5.64/4.04)
id AA47500; Tue, 8 Oct 1996 21:10:53 -0500
Message-Id: <9610090210.AA47500@ecua.net.ec>
X-Sender: etjm@az.pro.ec
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 08 Oct 1996 19:13:59 -0500
To: aprssig@tapr.org
From: etjm@ECUA.NET.ec (teodoro jaramillo)

Subject: Re: [APRSSIG:5464] 20m GATE& reports...

Hello and Bill and sig friends...

I will be delighted to place a radio and proper antenna and a kam+ at the proper propagation periods to the west coast ,looking for the action on your GATE. Will pass on any kind of QRM (PRETTY BAD ON HIGH POWER HIGH SPEED 1200 BAUD (MEXICO'S) AROUND THOSE FREQS. WILL CHECK AND ANALYZE THE QRG QNR IT'S AFFECTING PARAMETERS... . GATE to grow to relay down south I have already lined up with Peru's OA8AAJ in Amazon Region he will also glad to set up his GATE..... so depending how your and other system appear we will join anytime to do GATE from Ecuatorial geographical area.

I will be using 5 element yaggi 90 ft. icom 765 and kam+ AND OF COURSE aprs SOFT. FOR SURE 20METER WILL BE MUCH BETTER FOR THIS PART OF THE WORLD than the 30 meter even with good antennas some limited coverage and propagation, but enough action to learn and enjoy gps and weather tracking down here so far G R E A T .

BEST 73'S

TED HC5K

APRS GPS SOON WILL HAVE LIVE WX....

>G'day SIG.

> In response to Mike (AC6JA) inquiry re; a 20m GATE, I will begin operating a GATE on

>14.098 Mhz "MARK" TNC is a KAM+. Parameters are; MARK 2125, SPACE 2295, SHIFT 170 and

>I'll be using the ALIAS of TUNE1. Rig will be a TS-450s/AT with the TCXO high stability

>oscillator, and I'll be using a filter with a bandpass of 500 Hz. Antenna will be a 2

>element Quad at 50'. Power will vary from 85W to 1500W. Station location is; 37.43.30N X

>122.10.48W.

>

>Please address your comments to:

>kb6lfm@ix.netcom.com KB6LFM@W6PW.#NOCAL.CA.USA.NOAM

>Signal reports with DATE & TIME HEARD (in UTC please) are welcome.

>

>Cheers. Bill

>

>

>

From denniswj@aljan.com.au Wed Oct 09 03:33:53 1996

Received: from orion.aljan.com.au (root@orion.aljan.com.au [203.26.188.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id DAA23346 for <aprssig@tapr.org>; Wed, 9 Oct 1996 03:33:50 -0500 (CDT)

Received: from aljan.aljan.com.au (denniswj.aljan.com.au [203.30.147.30]) by orion.aljan.com.au (8.6.12/8.6.9) with ESMTP id SAA26385 for <aprssig@tapr.org>; Wed, 9 Oct 1996 18:33:54 +1000

Message-Id: <199610090833.SAA26385@orion.aljan.com.au>

From: "DENNIS JAMES" <denniswj@aljan.com.au>

To: "Aprs Group" <aprssig@tapr.org>

Subject: GPS45XL Batteries and Power Supply.

Date: Wed, 9 Oct 1996 18:31:32 +1000

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Can anyone tell me if you can connect a power supply to the GPS unit with batteries in it, just want to confirm thats all.

Dennis

Scone Australia

The Horse Capital of Australia

VK2DOR KO-23 UO-22 KO-25

GRID QF57KX

denniswj@aljan.com.au

From snabkey@wingsbbs.com Wed Oct 09 06:25:57 1996

Received: from wingsbbs.com ([206.250.28.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA26818 for <aprssig@tapr.org>; Wed, 9 Oct 1996 06:25:56 -0500 (CDT)

Message-Id: <199610091125.GAA26818@tapr.org>

Received: from inertia.net by wingsbbs.com

with SMTP (IPAD 1.12) id 3375500 ; Wed, 09 Oct 96 07:36:51 UTC

Comments: Authenticated sender is <snabkey@wingsbbs.com>

From: "Sam Nabkey, WJ8T" <snabkey@wingsbbs.com>

To: aprssig@tapr.org

Date: Wed, 9 Oct 1996 07:25:41 -0400

Subject: Re: [APRSSIG:5474] Re: Garmin45 problem

Priority: normal

X-mailer: Pegasus Mail for Windows (v2.23)

Too many quoted replys to say WHO wrote this drivel . . .

> >Richard,

> >Unfortunately you don't have a uniquely bad Garmin45. I purchased

> >one over the weekend, and after a few days of testing, and

> >discussions with Garmin Tech support, I have concluded that the

> >product is totally unsuitable for use with APRS.

BUT who ever it was is off base.. that is all that is used here and
NONE of the problems listed present themselves here. UNLESS THE
INTERNAL BATTERIES ARE WEAK OR DEAD! THEN all bets are off!!

Sam.

From lpthomas@winning-edge.com Wed Oct 09 07:11:56 1996

Received: from kc.winning-edge.com (root@kc.winning-edge.com [205.217.148.245]) by

tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA28078 for <aprssig@tapr.org>; Wed, 9 Oct 1996 07:11:54 -0500 (CDT)
Received: from lpthomas (lpthomas.winning-edge.com [205.217.148.247]) by kc.winning-edge.com (8.6.12/8.6.9) with SMTP id HAA15234 for <aprssig@tapr.org>; Wed, 9 Oct 1996 07:12:03 -0500
Message-Id: <2.2.32.19961009121151.006a85d4@winning-edge.com>
X-Sender: lpthomas@winning-edge.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 09 Oct 1996 07:11:51 -0500
To: aprssig@tapr.org
From: "Larry P. Thomas WA0GWA" <lpthomas@winning-edge.com>
Subject: Re: [APRSSIG:5484] Re: Garmin45 problem

At 06:34 AM 10/9/96 -0500, you wrote:

>Too many quoted replys to say WHO wrote this drivel . . .

>

>> >Richard,

>> >Unfortunately you don't have a uniquely bad Garmin45. I purchased

>> >one over the weekend, and after a few days of testing, and

>> >discussions with Garmin Tech support, I have concluded that the

>> >product is totally unsuitable for use with APRS.

>

>BUT who ever it was is off base.. that is all that is used here and

>NONE of the problems listed present themselves here. UNLESS THE

>INTERNAL BATTERIES ARE WEAK OR DEAD! THEN all bets are off!!

I have to agree also, I used a Garmin45XL on a recent trip from KC to San Francisco and it worded without flaw ... on rare occasion in the mountains on hills of SF it would report poor GPS or lose site of enough sat's to work but was using on the dash of the car with no outside antenna. I didn't even bother to keep the antenna vertical most of the time ... was always moving to apply pressure to windshield to stop it from vibrating due to a poor mount arrangement.

| | |
|------------------------------|------------------------------------|
| Larry P. Thomas wa0gwa | voice : 1 913 888-0282 |
| Krell Technologies | fax : 1 913 782-9359 |
| 8960 Bond | pager : 1 816 989-HELP |
| Overland Park, KS 66214-1764 | e-mail : lpthomas@winning-edge.com |

From northup@sw.stratus.com Wed Oct 09 09:05:51 1996

Received: from mailhub.stratus.com (mailhub.stratus.com [134.111.1.14]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA02012 for <aprssig@tapr.org>; Wed, 9 Oct 1996 09:05:49 -0500 (CDT)

Received: from lectroid.sw.stratus.com (lectroid.sw.stratus.com [134.111.10.1]) by mailhub.stratus.com (8.7.5/8.7.3) with ESMTP id KAA13752 for <aprssig@tapr.org>; Wed, 9 Oct 1996 10:05:57 -0400 (EDT)

Received: from blackdog.sw.stratus.com (blackdog.sw.stratus.com [134.111.10.76]) by lectroid.sw.stratus.com (8.6.11/8.6.11) with ESMTP id KAA16916 for <aprssig@tapr.org>; Wed, 9 Oct 1996 10:05:46 -0400

Received: (from northup@localhost) by blackdog.sw.stratus.com (8.6.9/8.6.9) id

KAA02259; Wed, 9 Oct 1996 10:05:44 -0400
From: Bill Northup <northup@sw.stratus.com>
Message-Id: <199610091405.KAA02259@blackdog.sw.stratus.com>
Subject: Re: Garmin 45 problem
To: aprssig@tapr.org
Date: Wed, 9 Oct 1996 10:05:44 -0400 (EDT)
Cc: northup@sw.stratus.com (Bill Northup)
X-Mailer: ELM [version 2.4 PL20]
Content-Type: text

How is the GPS set up? Is it still in power saving mode (the way it comes from the factory)? If so one of the ways that they save power is if it loses all of the sat's it will not try to reacquire them until it unit is powered down. If you turn power saver off it will work as desired.

Bill

From hammock@wired.jpl.nasa.gov Wed Oct 09 10:47:08 1996
Received: from wired.jpl.nasa.gov (wired.jpl.nasa.gov [128.149.72.59]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA04937 for <aprssig@tapr.org>; Wed, 9 Oct 1996 10:47:06 -0500 (CDT)
Received: by wired.jpl.nasa.gov (931110.SGI/920502.SGI.AUT0)
for aprssig@tapr.org id AA00435; Wed, 9 Oct 96 09:30:27 -0700
From: "Randy Hammock" <hammock@wired.jpl.nasa.gov>
Message-Id: <9610090930.ZM433@wired.jpl.nasa.gov>
Date: Wed, 9 Oct 1996 09:30:26 -0700
In-Reply-To: "Ronald P. Haley" <ronhaley@dgps.com>
"[APRSSIG:5480] Re: Garmin45 problem" (Oct 9, 12:11am)
References: <3.0b28.32.19961008165015.00971b10@dgps.com>
X-Mailer: Z-Mail (3.1.0 22feb94 MediaMail)
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5480] Re: Garmin45 problem
Content-Type: text/plain; charset=us-ascii
Mime-Version: 1.0

On Oct 9, 12:11am, Ronald P. Haley wrote:

> Subject: [APRSSIG:5480] Re: Garmin45 problem

> Randy,

> Which Trimble antenna did you purchase???

> -----
>-- End of excerpt from Ronald P. Haley

I don't know the model number, perhaps Gwyn Reedy can help with that, but the antenna is small, about 1.25 inch square by about .3 inches tall. It is purported to have 36 db gain. I had to replace the ,I think, SMB connector with a BNC connector. The antenna cost \$50 from Paccom (which is a special price to ham operators, basically their cost).

I just thought of something, I have heard that some people have experienced bad connections in the antenna that comes with the Garmin. Apparently the center pin of the antenna connector can twist loose inside of the antenna.

Hope this helps.

--

| | | |
|------------------------------------|--------|---------------------------|
| Randy Hammock | KC6HUR | Jet Propulsion Laboratory |
| E-Mail: hammock@wired.jpl.nasa.gov | | 4800 Oak Grove Drive |
| Voice: +1-818-393-1214 | | M/S: 264-580 |
| Pager: +1-818-423-2062 | | PASADENA CA 91109 |

From ronhaley@dgps.com Wed Oct 09 11:11:02 1996

Received: from server.DGPS.COM (dgps.com [165.113.153.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA05860 for <aprssig@tapr.org>; Wed, 9 Oct 1996 11:10:59 -0500 (CDT)

Received: from DIFFSERV by server.DGPS.COM (NTMail 3.02.07) with ESMTP id da000029 for <aprssig@tapr.org>; Wed, 9 Oct 1996 08:39:43 -0700

Message-Id: <3.0b28.32.19961009084820.0097d420@dgps.com>

X-Sender: ronhaley@dgps.com

X-Mailer: Windows Eudora Pro Version 3.0b28 (32)

Date: Wed, 09 Oct 1996 08:48:26 +0100

To: aprssig@tapr.org

From: "Ronald P. Haley" <ronhaley@dgps.com>

Subject: Re: [APRSSIG:5486] Re: Garmin 45 problem

Mime-Version: 1.0

Content-Type: text/enriched; charset="us-ascii"

Bill,

It was operating in normal mode, ***with full batteries***. I changed them to make sure that was not the problem. I returned the unit yesterday for another, and added an external antenna. Hard to tell which of these fixed the problem, as it has lots of satellites. Garmin technical support confirms that

We are in the GPS business we see lots of GPS receivers, and this is the first receiver I have ever seen that can't reacquire after losing lock due to coverage. I believe that any receiver that requires user intervention to reset the receiver is next to useless for APRS. For those who don't think these problems exist let me quote from the manual.

"If you have lost coverage and the unit has trouble reacquiring satellites, try shutting off the unit momentarily to reset the unit." Have you ever seen that in another manufacturers manual??? External antennas should help, as the situation will occur much less often.

At 09:14 AM 10/9/96 -0500, you wrote:

>How is the GPS set up? Is it still in power saving mode (the way it comes from

>the factory)? If so one of the ways that they save power is if it loses all

>of the sat's it will not try to reacquire them until it unit is powered down.

>If you turn power saver off it will work as desired.

>

> Bill

>

>

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Differential Corrections Inc E-Mail: ronhaley@dgps.com
10121 Miller Ave Web: http://www.dgps.com
Cupertino, CA 95014

From ronhaley@dgps.com Wed Oct 09 11:13:17 1996
Received: from server.DGPS.COM (dgps.com [165.113.153.6]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA05920 for <aprssig@tapr.org>; Wed, 9 Oct 1996
11:13:16 -0500 (CDT)
Received: from DIFFSERV by server.DGPS.COM (NTMail 3.02.07) with ESMTP id ca000028
for <aprssig@tapr.org>; Wed, 9 Oct 1996 08:16:22 -0700
Message-Id: <3.0b28.32.19961009082453.009593a0@dgps.com>
X-Sender: ronhaley@dgps.com
X-Mailer: Windows Eudora Pro Version 3.0b28 (32)
Date: Wed, 09 Oct 1996 08:25:04 +0100
To: aprssig@tapr.org
From: "Ronald P. Haley" <ronhaley@dgps.com>
Subject: Re: [APRSSIG:5473] Re: DGPS and ANNAPOLIS WIDE!
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hope I didn't say 1 second. 10 seconds adds around 1 meter, and its
exponential after that. My estimate is that 20 seconds is around 5-7
meters. If the message delayed further, many GPS receivers will time out,
as they have a time after which they consider the update to be old.

At 09:01 PM 10/8/96 -0500, you wrote:

>Ron,, Tom,

>

>This is very interesting to me.

>

>>A second delay will add at around 5 meters of error.

>

>Somewhere (don't you love that reference?) I read that the acceleration of

>the rate of error from a GPS satellite was on the order of 1 cm/sec/sec. If
>the differential correction message gives both the instantaneous offset and
>its vector (rate), and if the acceleration of the error rate is limited to 1
>cm/sec/sec, then a 1 second delay shouldn't result in 5 meters of error.

>

>I'm probably misinformed. I'd really like to understand the worst case
>rate and accelerations to see how the 5 meter error is inferred for 1 second
>delay.

>

>Thanks for any help you can provide for me.

>

>Cheers,

>

>Lyle

>

>

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Differential Corrections Inc E-Mail: ronhaley@dgps.com
10121 Miller Ave Web: http://www.dgps.com
Cupertino, CA 95014

From elmartin@iAmerica.net Wed Oct 09 11:23:00 1996

Received: from ns2.iAmerica.net (ns2.iAmerica.net [205.173.248.33]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA06313 for <aprssig@tapr.org>; Wed, 9 Oct 1996
11:22:57 -0500 (CDT)

Received: from zeus (iad_ppp0325.iAmerica.net [205.173.253.130]) by
ns2.iAmerica.net (8.6.13/950817.04ccg) with SMTP id LAA18087 for
<aprssig@tapr.org>; Wed, 9 Oct 1996 11:23:58 -0500

Message-Id: <1.5.4.32.19961009172255.0066712c@mailhost.iAmerica.net>

X-Sender: elmartin@mailhost.iAmerica.net

X-Mailer: Windows Eudora Light Version 1.5.4 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Wed, 09 Oct 1996 11:22:55 -0600

To: aprssig@tapr.org

From: "Eric L. Martin" <elmartin@iAmerica.net>

Subject: Re: [APRSSIG:5486] Re: Garmin 45 problem

At 09:14 AM 10/9/96 -0500, Bill Northup wrote:

>How is the GPS set up? Is it still in power saving mode (the way it comes from
>the factory)? If so one of the ways that they save power is if it loses all
>of the sat's it will not try to reacquire them until it unit is powered down.
>If you turn power saver off it will work as desired.

Is this the menu selection under OPERATIONS? There is a mode selection for
NORMAL and BATTERY SAVE, but mine is set to NORMAL and I've never changed it
before. Am I missing something else or is that it? Also, does anyone know
what the purpose is of pressing the 4 arrow buttons while the startup screen
is up? Someone told me it a diagnostic mode or something, but I'm not sure.

--

Eric L. Martin (KC5ENU)
elmartin@iamerica.net

From ronhaley@dgps.com Wed Oct 09 11:26:43 1996
Received: from server.DGPS.COM (dgps.com [165.113.153.6]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id LAA06406 for <aprssig@tapr.org>; Wed, 9 Oct 1996
11:26:38 -0500 (CDT)
Received: from DIFFSERV by server.DGPS.COM (NTMail 3.02.07) with ESMTP id fa000031
for <aprssig@tapr.org>; Wed, 9 Oct 1996 09:21:13 -0700
Message-Id: <3.0b28.32.19961009092949.00984d70@dgps.com>
X-Sender: ronhaley@dgps.com
X-Mailer: Windows Eudora Pro Version 3.0b28 (32)
Date: Wed, 09 Oct 1996 09:29:57 +0100
To: aprssig@tapr.org
From: "Ronald P. Haley" <ronhaley@dgps.com>
Subject: Re: [APRSSIG:5449] RE: smallest gps/tnc
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Will,

I 1 watt enough for APRS without an external antenna?

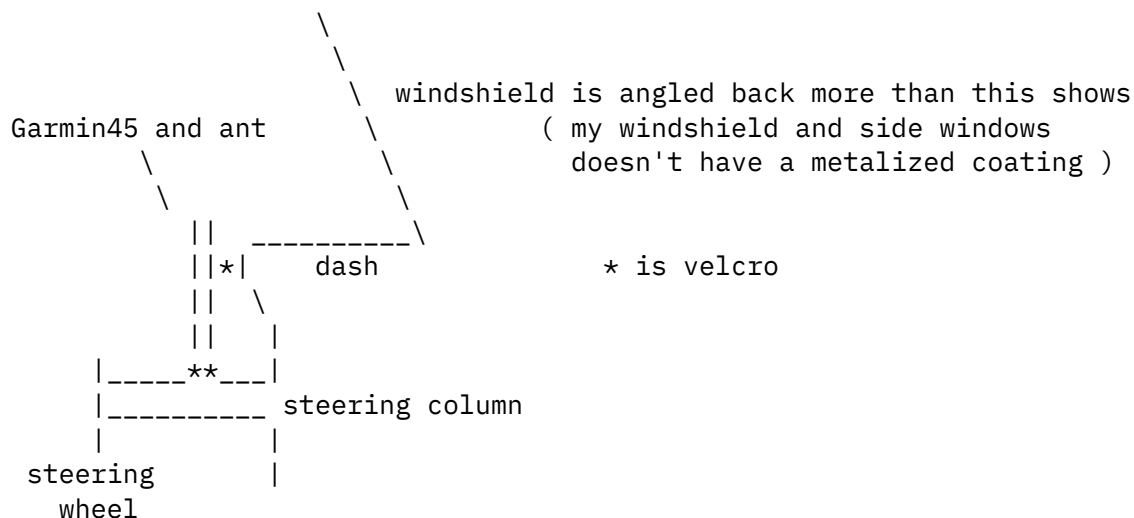
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Differential Corrections Inc E-Mail: ronhaley@dgps.com
10121 Miller Ave Web: http://www.dgps.com
Cupertino, CA 95014

From lmkeeran@rs6000.cmp.ilstu.edu Wed Oct 09 11:30:56 1996
Received: from rs6000.cmp.ilstu.edu (root@rs6000.cmp.ilstu.edu [138.87.1.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA06540 for <aprssig@tapr.org>; Wed, 9
Oct 1996 11:30:54 -0500 (CDT)
Received: from i0517009.adm.ilstu.edu by rs6000.cmp.ilstu.edu (AIX 4.1/UCB
5.64/4.03)
id AA156492; Wed, 9 Oct 1996 11:30:49 -0500
Message-Id: <v03007800ae81759a0725@[138.87.2.109]>
In-Reply-To: <2.2.32.19961009121151.006a85d4@winning-edge.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 9 Oct 1996 11:32:08 -0500
To: aprssig@tapr.org
From: Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>
Subject: Re: [APRSSIG:5485] Re: Garmin45 problem

Larry Thomas wa0gwa said:

>work but was using on the dash of the car with no outside antenna. I didn't
>even bother to keep the antenna vertical most of the time ... was always
>moving to apply pressure to windshield to stop it from vibrating due to a
>poor mount arrangement.

This positions the antenna just above the dash board and the Garmin "sees" horizon to straight overhead everywhere except what is shielded with the roof. Sort of behind and up.



Note: I didn't pass art class during school. Pardon the illusion.

Larry M. Keeran K9ORP IS Data Processing Equip Tech k9orp@amsat.org
 EC McLean Co-CIPRUS,Inc-PresCIRC-VP QCWA-Life ARRL-APRSM-APRS-TAPR#762

From n8chb@tir.com Tue Oct 09 11:36:49 1996
Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9)
with ESMTP id LAA06998 for <aprssig@tapr.org>; Wed, 9 Oct 1996 11:36:44 -0500
(CDT)
Received: from n8chb.tir.com (an14liv.tir.com [205.218.84.16]) by tir.com
(8.7.5/8.7) with SMTP id MAA06125 for <aprssig@tapr.org>; Wed, 9 Oct 1996 12:30:40
-0400 (EDT)
Message-ID: <12D027DC.345F@tir.com>
Date: Tue, 01 Jan 1980 19:26:20 -0800
From: Roger Breckon <n8chb@tir.com>
Reply-To: n8chb@tir.com
X-Mailer: Mozilla 3.0b8Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5464] 20m GATE
References: <325AA700.6E15@ix.netcom.com>
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hello Bill kb6lfm,

When r u going to do ur test?

Looking your way this morn I see several stations on 14.100 to 14.090
W8AKF BBS in Bloomington In is very strong wit sig 10 to 20 over rite
now.

XE and 1, 2 and 3 land from the back and side of my beam.

I hve been tuning for you but so far no results.....

I hve a 20 mtr mono wit abt 100 watts in ur direction.

I'll set my beacon at every 30 sec near the freq u r on fer while and
see

if anyone hears me.

73

Roger n8chb in SE, Michigan

=====

kb6lfm@ix.netcom.com wrote:

>

> G'day SIG.

> In response to Mike (AC6JA) inquiry re; a 20m GATE, I will begin operating a
GATE on

> 14.098 Mhz "MARK" TNC is a KAM+. Parameters are; MARK 2125, SPACE 2295, SHIFT
170 and

> I'll be using the ALIAS of TUNE1. Rig will be a TS-450s/AT with the TCXO high
stability

> oscillator, and I'll be using a filter with a bandpass of 500 Hz. Antenna will
be a 2

> element Quad at 50'. Power will vary from 85W to 1500W. Station location is;
37.43.30N X

> 122.10.48W.

>

> Please address your comments to:

> kb6lfm@ix.netcom.com KB6LFM@W6PW.#NOCAL.CA.USA.NOAM

> Signal reports with DATE & TIME HEARD (in UTC please) are welcome.

>

> Cheers. Bill

From CHEAD@exame2.dseg.ti.com Wed Oct 09 11:49:42 1996

Received: from dragon.ti.com (dragon.ti.com [192.94.94.61]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA07559 for <aprssig@tapr.org>; Wed, 9 Oct 1996
11:49:35 -0500 (CDT)

Received: from lesol1.dseg.ti.com ([157.170.147.17]) by dragon.ti.com (8.6.13)
with ESMTP id LAA09167 for <aprssig@tapr.org>; Wed, 9 Oct 1996 11:49:03 -0500

Received: from exame2.dseg.ti.com (EXAME2.dseg.ti.com [128.247.183.127]) by
lesol1.dseg.ti.com (8.6.9/8.6.6) with SMTP id LAA24809 for <aprssig@tapr.org>;
Wed, 9 Oct 1996 11:48:15 -0500

Date: Wed, 9 Oct 1996 11:49:13 -0500 (CDT)

From: Claude 995-5040 pager 4541 <CHEAD@exame2.dseg.ti.com>

To: aprssig@tapr.org
CC: CHEAD@exame2.dseg.ti.com
Message-Id: <961009114913.20417860@exame2.dseg.ti.com>
Subject: RE: [APRSSIG:5483] GPS45XL Batteries and Power Supply.

Don't know for sure about the XL version, but have been running my Garmin GPS45 in the car with batteries installed and +12v vehicle power supplied through the power/data cable for a year and a half. Works fine.

73 Claude Head
K5DTN
exame2.dseg.ti.com

From ronald.armstrong@sympatico.ca Wed Oct 09 11:56:35 1996
Received: from smtp1.sympatico.ca (smtp1.sympatico.ca [204.101.251.52]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA07829 for <aprssig@tapr.org>; Wed, 9 Oct 1996 11:56:33 -0500 (CDT)
Received: from RONALDA (ppp948.qc.sympatico.ca [206.172.241.180]) by smtp1.sympatico.ca (SMI-8.6/8.6.6) with SMTP id MAA03518 for <aprssig@tapr.org>; Wed, 9 Oct 1996 12:55:47 -0400
Message-ID: <325C02EF.1A1@sympatico.ca>
Date: Wed, 09 Oct 1996 12:54:23 -0700
From: Ronald Armstrong <ronald.armstrong@sympatico.ca>
X-Mailer: Mozilla 2.02E-SYMPA (Win95; I; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: interface to DF for aprs
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is there anyone out there that have the interface for df to aprs from N7LUE and is there a SIG for DFer

From clark@tomcat.gsfc.nasa.gov Wed Oct 09 11:58:47 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA07866 for <aprssig@tapr.org>; Wed, 9 Oct 1996 11:58:46 -0500 (CDT)
Date: Wed, 09 Oct 96 16:57:43 UTC
Message-Id: <434@tomcat.gsfc.nasa.gov>
From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)
Reply-To: clark@tomcat.gsfc.nasa.gov
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5483] GPS45XL Batteries and Power Supply.

Dennis -- yes, leave the batteries inside and connect the external power
The 45/45XL will draw power from the external power source, but the batteries are available as an "UPS" (uninterruptable power source) in case the external supply has glitches. The 45/45XL does not tolerate power glitches very well and may have problems re-acquiring, so the batteries do need to be installed.

73, Tom

From kc5ejk@onramp.net Wed Oct 09 15:04:31 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA14657 for <aprssig@tapr.org>; Wed, 9 Oct 1996 15:04:27 -0500 (CDT)
Received: from [199.1.11.128] (dal28.onramp.net [199.1.11.128]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id PAA03648 for <aprssig@tapr.org>; Wed, 9 Oct 1996 15:04:22 -0500 (CDT)
Message-Id: <v02140b00ae81bbfc7e4a@[199.1.11.103]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 9 Oct 1996 15:05:44 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:5483] Garmin GPS-Batteries and Power Supply.

>Can anyone tell me:

You can find the answers to most Garmin GPS questions in the FAQ available at: <ftp://sundae.triumf.ca/pub/peter/gps45faq.txt>

The latest Garmin GPS 45/40/38 Frequently Asked Questions FAQ
Version 1.082 Aug 30, 1996

Over 150K of must read information for Garmin GPS users.

Section 4.00 covers

BATTERY/POWER:

- How is power selected between the internal batteries and the external supply?
- What voltages do the fuel gauge correspond to?
- Current consumption of a GPS 45 at different external supply input voltages?
- How does BatterySave mode work?
- Rechargeable batteries?
- Other battery/external power options?
- How long is memory conserved without batteries?
- Does the serial I/O consume much more power when it is enabled?

Section 5.00 covers:

SERIAL/POWER INTERFACE:

- External serial/power connector alternatives?
- How do I interface the GPS 45/40/38 to an IBM-PC compatible computer?
- How do I interface the GPS 45/40/38 to a Macintosh?

Garmin GPS 45/40/38 Frequently Asked Questions FAQ
Compiled by Lane A. Holdcroft

or ftp://ftp.eskimo.com/u/k/klah/index.html
or ftp to "ftp.eskimo.com", cd to "/u/k/klah"

If you can't FTP ask me in private e-mail and I will E-Mail you a copy.

For more general information not specific to the Garmin units, read the general GPS FAQ maintained by Peter Bennett. He also has a new NMEA FAQ. They are both available on his ftp site which is the best single site on the web for low cost GPS's.

ftp://sundae.triumf.ca/pub/peter/index.html
http://vancouver-webpages.com/peter/index.html
ftp://ftp-i2.informatik.rwth-aachen.de/pub/arnd/GPS/peter/index.html

For the best general GPS information read the news:sci.geo.satellite-nav news group.

73

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From kj5hx@juno.com Wed Oct 09 16:11:54 1996
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA17065 for <aprssig@tapr.org>; Wed, 9 Oct 1996 16:11:53 -0500 (CDT)
From: kj5hx@juno.com
Received: (from kj5hx@juno.com) by x4.boston.juno.com (queuemail) id QAA16230; Wed, 09 Oct 1996 16:54:38 EDT
To: aprssig@tapr.org
Date: Wed, 9 Oct 1996 13:52:01 CST
Subject: Re: [APRSSIG:5495] interface to DF for aprs
Message-ID: <19961009.135234.4591.1.kj5hx@juno.com>
References: <325C02EF.1A1@sympatico.ca>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 1

I lost the message that tells how to unsubscribe to this org, could you please tell me how to unsubscribe ... ED

From bruninga@nadn.navy.mil Wed Oct 09 16:12:15 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA17141 for <aprssig@tapr.org>; Wed, 9 Oct 1996 16:12:14 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id RAA29843 for <aprssig@tapr.org>; Wed, 9 Oct 1996 17:17:16 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 9 Oct 1996 17:17:16 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5478] AZ DosAPRS Maps

In-Reply-To: <325B27DE.6BA6@goodnet.com>
Message-ID: <Pine.GS0.3.95.961009171517.28454C-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 8 Oct 1996, David & Roxanne McCarthy wrote:

> Does anybody have a set of maps for Arizona or know of a location to
> retrieve them for DosAPRS. DosAPRS only comes with USASwest and does
> not have a lot of detail. I have a map set for Win/Mac. I am trying
> to evaluate which version to register for and want to compare.

APRSdos REPLY/COMMENT: APRSxx.zip only comes with the MAJOR maps but it is
always distributed to users including the Xmaps.zip for THEIR area. You
should get Wmapsxx.zip or Cmapsxx.zip. I cant remember if Arizona is in
the CENTRAL distribution or the WEST distribution... I think West?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From rswanson@csinet.net Wed Oct 09 16:15:11 1996
Received: from Home.csinet.net (root@Home.CsiNet.Net [206.31.16.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA17231 for <aprssig@tapr.org>; Wed, 9 Oct 1996
16:15:09 -0500 (CDT)
Received: from csinet.csinet.net (Lp216124-A8.CsiNet.Net [206.31.16.124]) by
Home.csinet.net (8.7.5/8.7.3) with SMTP id QAA23370 for <aprssig@tapr.org>; Wed, 9
Oct 1996 16:15:08 -0500
Message-ID: <325C158E.61F8@csinet.net>
Date: Wed, 09 Oct 1996 16:13:50 -0500
From: Rob Swanson <rswanson@csinet.net>
X-Mailer: Mozilla 3.0 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Icom GP-22
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone have info on how to make a data cable to interface the Icom
GP-22 GPS reciever to a IBM PC?

Looking to use this unit with aprs once my Reg. comes back.

Rob N9RVR
rswanson@csinet.net

From z004391b@bcfreenet.seflin.lib.fl.us Wed Oct 09 17:05:30 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us
[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA19510 for
<aprssig@tapr.org>; Wed, 9 Oct 1996 17:05:27 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)
id SAA08227; Wed, 9 Oct 1996 18:04:47 -0400
Date: Wed, 9 Oct 1996 18:04:46 -0400 (EDT)

From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:5445] smallest gps/tnc
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <199610072200.SAA20931@hemisphere.neocomm.net>
Message-ID: <Pine.3.89.9610091737.A3434-0100000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You will, of course, have to worry about charging your batteries or, perhaps, consider having a stash of batteries ready for you at predetermined locations on your trip. My GPS is way too large, a Garmin 75, but the smaller ones may be ok, such as the Garmin 45. The radio will be a fairly weighty problem as well.

I have had problems with my TNC losing it's mind occasionally. It required a computer to set the parameters each time. That would make the weight problem really miserable if you couldn't make use of the stuff.

It sounds like a really nice trip.

Since most of the trip will be woods hiking, I believe, you will also have to concern yourself with access to the sky. GPS units kind of like to see the satellites directly without anything blocking the view such as tree limbs and foliage. You may be able to get enough satellite view to get an occasional good fix.

Good luck on your trip,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Mon, 7 Oct 1996, Charles W. Davidson wrote:

> I plan on doing a Thru-hike of the Appalacian Trail next
> year. My APRS/GPS mobile is hoplessly too large to consider carrying
> on a six month hike. Whats the smallest, lightest gps/tnc available
> now? It shure would be neat to plot my 2000 mile hike from Georgia to
> Maine via APRS! My budget will probally not let me purchase such a
> system. However I would still enjoy getting some more info.

>
> Also for fellow map makers, the Trail was hiked with
> GPS this year. This weekend at Carlise, PA there is a Gathering of
> Long Distance Hikers. At this event I should meet the fellow that made
> this gps-hike and inquire about getting the data for us mapmakers.

>
> Charles
>
> cdavidso@neocomm.net
> <http://www.neocomm.net/~cdavidso/>
> WB4PAN@WB4QOJ.VA.USA.NOAM

> wb4pan@juno.com
> APRS ALDHA ATC
> Georgia>97>Main Chase
>

From kb6lfm@ix.netcom.com Wed Oct 09 17:44:18 1996
Received: from dfw-ix10.ix.netcom.com (dfw-ix10.ix.netcom.com [206.214.98.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA21095 for <aprssig@tapr.org>; Wed, 9 Oct 1996 17:44:13 -0500 (CDT)
From: kb6lfm@ix.netcom.com
Received: from ala-ca9-28.ix.netcom.com (kb6lfm@ala-ca9-28.ix.netcom.com [207.93.143.92]) by dfw-ix10.ix.netcom.com (8.6.13/8.6.12) with SMTP id PAA28798; Wed, 9 Oct 1996 15:43:32 -0700
Message-ID: <325C2A38.56D8@ix.netcom.com>
Date: Wed, 09 Oct 1996 15:42:00 -0700
X-Mailer: Mozilla 2.01E-NC250 (Win95; U; 16bit)
MIME-Version: 1.0
To: n8chb@tir.com
CC: aprssig@tapr.org
Subject: Something New!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's me again Roger.

I'm aware of your QRM problems, and thank you for bringing them to my attention. This is not going to be a test. I'm here on 20m APRS!

Problems that I can 4C are:

1. APRS on 20M is NEW, and people are slow on the up-take regarding ANYTHING NEW. It's our nature to reject change, and to be suspicious of "NEW"...! Takes time for us to accept new & change.

2. Criticism! Constructive is welcome, all others need not apply.

3. Frequency to use. I'm going to stay on 14.098.00Khz MARK until I get a "show cause" from the FCC. It doesn't matter where one moves to, an APRS presence on 20m is going to P.O. someone. I have taken ALL POSSIBLE PRECAUTIONS to maintain as narrow a band width, and frequency stability as I can. I urge all concerned to use FSK and the INTERNATIONAL STANDARD of MARK 2125 SPACE 2295 SHIFT 170 in there TNC's. I think it's time that APRS went "International". I'm working with Clarry (VK5ACP) in Adelaide, Australia, Ted (HC5K) In the Andes of Ecuador, and MATT (WT3C) who is the Radioman aboard the USCG Icebreaker "Polar Star" to get their Stations up!

If you, or anyone knows a station willing to try "Something New" by all means, let them know that APRS is on 20m now. I believe if we are going to be tracking Icebreakers, in Antarctica, or "VK" mobiles crossing the Nullabor Plains of Australia or a caravan of Llamas in the Andes (Hi!) 20m IS the way to go.

So in closing, I want to thank you for GATEING your local VHF APRS'ers out here on the "Left Coast". And I hope that you can continue to act as a 20m APRS gate.

Cheers for now.
73 de Bill

From dougwe@ccintnet.wrq.com Wed Oct 09 18:29:03 1996
Received: from elmer.wrq.com (elmer.wrq.com [150.215.17.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA22906 for <aprssig@tapr.org>; Wed, 9 Oct 1996 18:29:01 -0500 (CDT)
From: dougwe@ccintnet.wrq.com
Received: from ccintnet.wrq.com ([150.215.5.110]) by elmer.wrq.com with SMTP (1.37.109.20/15.6) id AA280743737; Wed, 9 Oct 1996 16:28:57 -0700
Received: from ccMail by ccintnet.wrq.com (SMTPLINK V2.10.08) id AA844903727; Wed, 09 Oct 96 16:20:00 PST
Date: Wed, 09 Oct 96 16:20:00 PST
Message-Id: <9609098449.AA844903727@ccintnet.wrq.com>
To: aprssig@tapr.org
Subject: 77b.zip

Seems that the 77b distribution zip file has disappeared from the tapr ftp server. Can someone repost it to the upload directory, please?

Thanks

Doug
KC7CO

From n2iph@cyberenet.net Wed Oct 09 20:03:12 1996
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA26042 for <aprssig@tapr.org>; Wed, 9 Oct 1996 20:03:11 -0500 (CDT)
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp (Smail3.1.29.1 #7) id m0vB9Wo-00005BC; Wed, 9 Oct 96 21:03 EDT
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp (Smail3.1.29.1 #8) id m0vB9Wm-0006FDC; Wed, 9 Oct 96 21:03 EDT
Message-ID: <325C4A71.3102@cyberenet.net>
Date: Wed, 09 Oct 1996 20:59:29 -0400
From: Bob Derderian <n2iph@cyberenet.net>
Reply-To: n2iph@cyberenet.net
Organization: I&C
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0

To: APRS dicussion group <aprssig@tapr.org>
Subject: GPS-75 lockup
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all,

My GPS-75 must be monitoring this SIG, and decided that it was time for it to join in and have a little fun with me, 'cause it today for the first time operating mobile for almost two years was locked up (screen froze) when I came out of work to go home this AM.

I had to remove power from the unit to restart, couldn't shut down from the keypad. And when I restarted, surprise!, all stored information was gone! MY 150+ waypoints lost, along with routes and config params. I may have hit the button below the PWR key when I rebooted the unit, not sure.

Does anyone know what will happen if you press another (or any) key when powering up?

Is there a key sequence for clearing out the memory during reboot?

I seem to remember my GPS-75 going into a diagnostic mode of some sort once also, is there a key sequence to enter this mode. I remember the screen was showing an animated, expanding box with maybe a line of text in the center of the screen.

On the subject of batteries and mobile; I power my GPS-75 from the vehicle, and do not have the battery pack installed, it works just fine.

I use the Garmin GPS-26 antenna, mounted inside on the dash, and most times see 7 or 8 birds at S-5 or better. Prior to the GPS-26 antenna, I used the 'stick' antenna mounted to the windshield with a suction cup, stick-on cellphone mount from Radio Shack on the inside and this worked OK, but would loose lock if not parked with a good view of the southern sky or in heavily wooded areas while traveling.

Since moving to the GPS-26 antenna I have not had this problem, until today.

If anyone knows where I can find a list of key sequences for the GPS-75, I would like to know.

Thanks, Bob

From bruninga@nadn.navy.mil Wed Oct 09 20:19:57 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA26671 for <aprssig@tapr.org>; Wed, 9 Oct 1996 20:19:55 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id VAA06998 for <aprssig@tapr.org>; Wed, 9 Oct 1996 21:25:00 -0400 (EDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 9 Oct 1996 21:24:59 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5503] 77b.zip
In-Reply-To: <9609098449.AA844903727@ccintnet.wrq.com>
Message-ID: <Pine.GS0.3.95.961009212440.4476B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 9 Oct 1996 dougwe@ccintnet.wrq.com wrote:

> Seems that the 77b distribution zip file has disappeared from the tapr ftp
> server. Can someone repost it to the upload directory, please?

APRSDos REPLY/COMMENT: Ill be uploadeing 77C tonight!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From wa8inz@concentric.net Wed Oct 09 22:01:51 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA29784 for <aprssig@tapr.org>; Wed, 9
Oct 1996 22:01:49 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/10/09 1.5))
id XAA12139; Wed, 9 Oct 1996 23:01:48 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61068d00061a.concentric.net [206.173.193.186])
by cliff.cris.com (8.7.5)
id XAA24590; Wed, 9 Oct 1996 23:01:45 -0400 (EDT)
Message-ID: <325C8336.2A86@concentric.net>
Date: Wed, 09 Oct 1996 22:01:42 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5503] 77b.zip
References: <9609098449.AA844903727@ccintnet.wrq.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

dougwe@ccintnet.wrq.com wrote:

>
> Seems that the 77b distribution zip file has disappeared from the tapr ftp
> server. Can someone repost it to the upload directory, please?
>
> Thanks
>
> Doug

> KC7C0

Gosh NOT AGAIN. Some new potential APRS user had deleted or rather corrupted the file that was there so i personally uploaded a fresh copy no more then 3 or 4 days ago. Someone must be deleting the file for some reason. I will upload it again if indeed it's missing.

--

\\\\\\\\
(0 0)
--o0-(_-)-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From wa8inz@concentric.net Wed Oct 09 22:02:59 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA29843 for <aprssig@tapr.org>; Wed, 9 Oct 1996 22:02:57 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/10/09 1.5))
id XAA12441; Wed, 9 Oct 1996 23:02:56 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>

Received: from LOCALNAME (61068d00061a.concentric.net [206.173.193.186])
by cliff.cris.com (8.7.5)
id XAA24867; Wed, 9 Oct 1996 23:02:54 -0400 (EDT)

Message-ID: <325C837C.12F3@concentric.net>

Date: Wed, 09 Oct 1996 22:02:52 -0700

From: William Nolle <wa8inz@concentric.net>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5505] Re: 77b.zip

References: <Pine.GS0.3.95.961009212440.4476B-1000000@arctic>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>

> On Wed, 9 Oct 1996 dougwe@cccintnet.wrq.com wrote:

>

> > Seems that the 77b distribution zip file has disappeared from the tapr ftp
> > server. Can someone repost it to the upload directory, please?

>

> APRSdos REPLY/COMMENT: Ill be uploadeing 77C tonight!

>

> Reply mail addr: wb4apr@amsat.org

> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

Ok Ok disregard my other message then Hi.

--

\\///
(0 0)
--o0-(_-)-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From ku0g@sprynet.com Wed Oct 09 22:04:33 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA00179 for <aprssig@tapr.org>; Wed, 9 Oct 1996 22:04:31 -0500 (CDT)

Received: from JIMDUNCA (ad72-075.compuserve.com [199.174.200.75]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id UAA00438 for <aprssig@tapr.org>; Wed, 9 Oct 1996 20:04:23 -0700

Date: Wed, 9 Oct 1996 20:04:23 -0700

Message-Id: <199610100304.UAA00438@m1.sprynet.com>

X-Sender: ku0g@m1.sprynet.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: James Duncan <ku0g@sprynet.com>

Subject: Re: [APRSSIG:5477] Kansas City APRS Working Group on the Web!

Just a note.....It would appear that the site isn't truly 100% yet. Have had several reports of "not able to access" the new URL today. We're working on it, please be patient....

Thanks, de Jim, KU0G

At 23:37 10/8/96 -0500, you wrote:

>The Kansas City APRS Working Group's Home Page on the WorldWide Web has
>moved! Please make note of the NEW url and change your bookmarks or
>homepage reference links accordingly!!!

>

>The new URL is:

>

><http://www.kcaprs.org>

>

>The old URL (<http://home.sprynet.com/sprynet/ku0g>) will continue to respond
>to page hits through the end of October to allow time to change links, etc.

>

>Special Note to all KCAWG members: Every KCAWG member will be assigned an
>Email address with the domain name of @kcaprs.org in the near future! Those
>who do NOT have Internet accounts set up will soon be able to register for a
>special dial-up Email/Internet account through our server!

>

>KCAWG: Growing at the Speed of Light!

>

>Wanna be one of us? Send check/money order for \$25.00 (annual dues) made

>payable to KCAWG to:

>

>KC APRS Working Group

>c/o Bill Young, KB0UZQ

>P. O. Box 445

>Platte City, MO 64079

>

>To subscribe to PING, the KCAWG Monthly Newsletter, without joining KCAWG

>send payment of \$13.00... Your subscription will start with the current

>month's issue...

>73 de Jim, KU0G

>Chairman/Coordinator

>Kansas City APRS Working Group

>EMail: ku0g@sprynet.com

>

73 de Jim, KU0G

Chairman/Coordinator

Kansas City APRS Working Group

Email: ku0g@sprynet.com

From jclakeland@ucdavis.edu Wed Oct 09 22:08:32 1996

Received: from franc.ucdavis.edu (root@franc.ucdavis.edu [128.120.8.183]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA00226 for <aprssig@tapr.org>; Wed, 9
Oct 1996 22:08:30 -0500 (CDT)

Received: from DialupEudora by franc.ucdavis.edu (8.7.5/UCD3.5.8)
id UAA21116; Wed, 9 Oct 1996 20:08:26 -0700 (PDT)

Message-Id: <199610100308.UAA21116@franc.ucdavis.edu>

X-Sender: szlakela@peseta.ucdavis.edu

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Wed, 9 Oct 1996 20:08:19 -0800

To: aprssig@tapr.org

From: jclakeland@ucdavis.edu (John Lakeland)

Subject: analog interface

Hi all,

Well, I guess I want to ask how you people feel about a generic analog interface in APRS that could monitor either weather or anything else you can provide an instrument for. This would allow the development of many types of monitoring nets such as radiation level, seismic motion, etc. I'm sure suitable instruments could be obtained to make a weather station this way.

Will Clement maker of the APRS MIM has said it would be relatively easy to produce the hardware using a microcontroller like the MIM is based on. Alternatively there are numerous existing serial analog to digital converters that could be used. Of course software support for the chosen device would be needed.

As with any development project, it all depends on how many people would use the thing. There are currently a number of commercial devices supported by APRS including several different weather stations. They are all specific

purpose devices. One generic device would allow unlimited development of monitoring systems without further software support being added to the programs. Seems like a good idea to me as it would let people experiment and develop systems without bothering the software authors for still another specific support package.

Of course this will not happen if very few people are interested, as it wouldn't be worth the trouble. Opinions?

John Lakeland kc6v1r

From lpthomas@winning-edge.com Thu Oct 10 07:02:20 1996
Received: from kc.winning-edge.com (root@kc.winning-edge.com [205.217.148.245]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA21451 for <aprssig@tapr.org>; Thu, 10 Oct 1996 07:02:17 -0500 (CDT)
Received: from lpthomas (lpthomas.winning-edge.com [205.217.148.247]) by kc.winning-edge.com (8.6.12/8.6.9) with SMTP id HAA04516 for <aprssig@tapr.org>; Thu, 10 Oct 1996 07:01:56 -0500
Message-Id: <2.2.32.19961010120154.006960000@winning-edge.com>
X-Sender: lpthomas@winning-edge.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 10 Oct 1996 07:01:54 -0500
To: aprssig@tapr.org
From: "Larry P. Thomas WA0GWA" <lpthomas@winning-edge.com>
Subject: Re: [APRSSIG:5508] Re: Kansas City APRS Working Group on the Web!

At 10:28 PM 10/9/96 -0500, you wrote:

>Just a note.....It would appear that the site isn't truly 100% yet. Have
>had several reports of "not able to access" the new URL today. We're
>working on it, please be patient....
>
>Thanks, de Jim, KU0G

I'm hosting the new site so I I'd like to comment! A few weeks ago my original ISP was bought out by my current ISP. This was a very good deal as the new ISP is a couple orders of magnitude better than the original one. Just as luck would have it, my new ISP decided to rework his routing tables the day Jim Duncan (sorry Jim) announced the new site <http://www.kcaprs.org> was up. In the process I lost routing for 3/4 of the day. Needless to say it did not make any of my paying customers happy either. Hopefully the situation has been fixed and we should be remain up except for minor down times to work on it. My new ISP just had a fiber optic multiplexer installed and has moved all his digital lines to the fiber, this required a little rerouting of his Cisco 7000. He also decided to move some ISDN lines to a dedicated Max Ascend box ... the net (no pun intended) result was a little glitch in routing which affected mostly me (or us!)

Later,
Larry

Larry P. Thomas wa0gwa voice : 1 913 888-0282
Krell Technologies fax : 1 913 782-9359
8960 Bond pager : 1 816 989-HELP
Overland Park, KS 66214-1764 e-mail : lpthomas@winning-edge.com

From jkozak@erols.com Thu Oct 10 07:23:45 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA22077 for <aprssig@tapr.org>; Thu, 10
Oct 1996 07:23:44 -0500 (CDT)
Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by
smtp1.erols.com (8.7.5/8.7.3) with SMTP id IAA08433 for <aprssig@tapr.org>; Thu,
10 Oct 1996 08:23:40 -0400 (EDT)
Date: Thu, 10 Oct 1996 08:23:40 -0400 (EDT)
Message-Id: <199610101223.IAA08433@smtp1.erols.com>
X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: Re: [APRSSIG:5487] Trimble GPS antenna

>> Which Trimble antenna did you purchase???

>The antenna cost \$50 from Paccom (which is a special
>price to ham operators, basically their cost).

Anyone have a phone number for Paccom to order this antenna??

From gwyn@paccomm.com Thu Oct 10 09:01:33 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id JAA26172 for <aprssig@tapr.org>; Thu, 10 Oct 1996
09:01:30 -0500 (CDT)
Received: from gwyn.paccomm.com by paccomm.com with smtp
(Smail3.1.29.1 #1) id m0vBLg1-000FQLC; Thu, 10 Oct 96 10:01 EDT
Received: by gwyn.paccomm.com with Microsoft Mail
id <01BBB691.A0FD7960@gwyn.paccomm.com>; Thu, 10 Oct 1996 09:58:47 -0400
Message-ID: <01BBB691.A0FD7960@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: FW: [APRSSIG:5511] Re: Trimble GPS antenna
Date: Thu, 10 Oct 1996 09:58:45 -0400
Encoding: 22 TEXT

800-486-7388 or sales@paccomm.com or fax 813-872-8696.

Note: Introductory price of \$50 no longer in effect. Price now \$65 plus
shipping, but it is still one of the best antennas and best deals around.

From: John W. Kozak[SMTP:jkozak@erols.com]
Sent: Thursday, October 10, 1996 3:47 AM
To: aprssig@tapr.org
Subject: [APRSSIG:5511] Re: Trimble GPS antenna

>> Which Trimble antenna did you purchase???

>The antenna cost \$50 from Paccom (which is a special
>price to ham operators, basically their cost).

Anyone have a phone number for Paccom to order this antenna??

From wa8inz@concentric.net Thu Oct 10 09:50:47 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA28246 for <aprssig@tapr.org>; Thu, 10
Oct 1996 09:50:46 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/10/09 1.5))
id KAA10740; Thu, 10 Oct 1996 10:50:42 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61038d00221a.concentric.net [206.173.242.202])
by cliff.cris.com (8.7.5)
id KAA20005; Thu, 10 Oct 1996 10:50:38 -0400 (EDT)
Message-ID: <325D293A.348@concentric.net>
Date: Thu, 10 Oct 1996 09:50:02 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5511] Re: Trimble GPS antenna
References: <199610101223.IAA08433@smtp1.erols.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John W. Kozak wrote:

>

> >> Which Trimble antenna did you purchase???

>

> >The antenna cost \$50 from Paccom (which is a special
> >price to ham operators, basically their cost).

>

> Anyone have a phone number for Paccom to order this antenna??

Their Toll Free order line = 800-486-7388 (Orders only).

--

\\///

(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com
Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From w2hob@mosquito.com Thu Oct 10 09:54:29 1996
Received: from itchy.mosquito.com (itchy.mosquito.com [206.205.132.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA28310 for <aprssig@tapr.org>; Thu, 10 Oct 1996 09:54:28 -0500 (CDT)
Received: from dial53.mosquito.com (dial53.mosquito.com [206.205.132.82]) by itchy.mosquito.com (8.7.5/8.6.12) with SMTP id KAA16393 for <aprssig@tapr.org>; Thu, 10 Oct 1996 10:55:19 -0400 (EDT)
Date: Thu, 10 Oct 1996 10:55:19 -0400 (EDT)
Message-Id: <1.5.4.16.19961010105429.289f3c5e@mosquito.com>
X-Sender: w2hob@mosquito.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Boyd Prestwood <w2hob@mosquito.com>
Subject: Re: [APRSSIG:5511] Re: Trimble GPS antenna

At 07:47 10/10/96 -0500, you wrote:

>>> Which Trimble antenna did you purchase???

>

>>The antenna cost \$50 from Paccom (which is a special price to ham operators, basically their cost).

>

>

>Anyone have a phone number for Paccom to order this antenna??

>

>

PacComm's order-only number is 800-486-7388 and the Trimble active GPS antennas that USED to be \$50 are now \$65 + shipping. They are not in stock right now but will be in about a week. I just ordered 2 more... they work beautifully with my Garmin GPS-45. I plan to use them with 2 GPS-20's I ordered from TAPR for standalone trackers.

Have fun es 73 de Boyd
w2hob@mosquito.com

From n8chb@juno.com Thu Oct 10 10:00:59 1996
Received: from x2.boston.juno.com (x2.boston.juno.com [205.231.101.21]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA28509 for <aprssig@tapr.org>; Thu, 10 Oct 1996 10:00:57 -0500 (CDT)
Received: (from n8chb@juno.com) by x2.boston.juno.com (queuemail) id KAA12668; Thu, 10 Oct 1996 10:58:44 EDT

To: aprssig@tapr.org
Date: Wed, 2 Jan 1980 17:47:28 PST
Subject: Re: interface to DF for aprs
Message-ID: <19800102.174729.6318.0.n8chb@juno.com>
References: <19961009.135234.4591.1.kj5hx@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-20
From: n8chb@juno.com (Roger Breckon)

U can't!
Your stuck here forever.
I been trying to remove this listing from my sever for months.
I have tried every way I know and also my server.
Both attempts have failed.
The server I use has changed mailers and tapr's computer
will not respond unless it sees the exact original subscribe
statement line.

help my Del finger is abt to fall off!!!!!!

73

Roger

=====
On Wed, 9 Oct 1996 16:18:39 -0500 (CDT) kj5hx@juno.com writes:
>I lost the message that tells how to unsubscribe to this org,could you
>please tell me how to unsubscribe ... ED
>
>

From n2iph@cyberenet.net Thu Oct 10 10:19:24 1996
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA29510 for <aprssig@tapr.org>; Thu, 10
Oct 1996 10:19:21 -0500 (CDT)
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp
(Smail3.1.29.1 #7) id m0vBMtK-00004TC; Thu, 10 Oct 96 11:19 EDT
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp
(Smail3.1.29.1 #8) id m0vBMtJ-00006FUC; Thu, 10 Oct 96 11:19 EDT
Message-ID: <325D1316.4CB4@cyberenet.net>
Date: Thu, 10 Oct 1996 11:15:34 -0400
From: Bob Derderian <n2iph@cyberenet.net>
Reply-To: n2iph@cyberenet.net
Organization: I&C
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5509] analog interface
References: <199610100308.UAA21116@franc.ucdavis.edu>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I would like to see it (generic analog and/or digital interface).

Perhaps the easiest thing everyone could add would be temperature to their site, using a thermocouple (we're talking mV levels now). It's fairly easy to get or create a T/C (thermocouple). Should be able to get T/C wire at most electrical shops, and the tables for the various T/Cs are easily obtainable which give the temp/mV relationship for its (the T/C's) range. To cal a T/C quick and easy you can just dunk it in a bath of ice/water, ice and water only exist at one temperature, 0 Celcius (or 32 deg. F). A couple lines of code in APRS would let you cal your T/C and your all set to report your local temps across the network.

I haven't browsed the docs the MIM module or about the telemetry screens, so don't know if there is any info there that would be of help.

73...Bob

NNNN

From bruninga@nadm.navy.mil Thu Oct 10 10:32:49 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA00114 for <aprssig@tapr.org>; Thu, 10 Oct 1996 10:32:47 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id LAA27418 for <aprssig@tapr.org>; Thu, 10 Oct 1996 11:37:53 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 10 Oct 1996 11:37:52 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5509] analog interface
In-Reply-To: <199610100308.UAA21116@franc.ucdavis.edu>
Message-ID: <Pine.GSO.3.95.961010104228.12395A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 9 Oct 1996, John Lakeland wrote:

> Hi all,
> Well, I guess I want to ask how you people feel about a generic analog
> interface in APRS that could monitor either weather or anything else you
> can provide an instrument for....
> Will Clement maker of the APRS MIM has said it would be relatively easy
> to produce the hardware using a microcontroller like the MIM is based on.

APRSDOS REPLY/COMMENT: I must be missing something. The MIM is exactly what you are specifying AS IS. It is a 5 ANALOG channel and 8 digital bit INPUT device that outputs APRS packets. What is it that this cannot do?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From weo@pinkcactus.com Thu Oct 10 11:01:44 1996
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA01553 for <aprssig@tapr.org>; Thu, 10
Oct 1996 11:01:43 -0500 (CDT)
Received: from purplecactus (borg.mindspring.com [204.180.128.14]) by
itchy.mindspring.com (8.7.5/8.7.3) with SMTP id MAA14900; Thu, 10 Oct 1996
12:01:40 -0400 (EDT)
Message-Id: <2.2.32.19961010155844.006d46f0@mindspring.com>
X-Sender: weo@mindspring.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 10 Oct 1996 11:58:44 -0400
To: aprssig@tapr.org, aprssig@tapr.org
From: "William E. Ott" <weo@pinkcactus.com>
Subject: Re: [APRSSIG:5514] Re: Trimble GPS antenna

How do these Trimble GPS antennas mount? Magnetic, suction, pole? Thanks

At 09:58 AM 10/10/96 -0500, Boyd Prestwood wrote:

>At 07:47 10/10/96 -0500, you wrote:

>>>> Which Trimble antenna did you purchase???

>>

>>>The antenna cost \$50 from Paccom (which is a special

>>>price to ham operators, basically their cost).

>>

>>

>>Anyone have a phone number for Paccom to order this antenna??

>>

>>

>

>PacComm's order-only number is 800-486-7388 and the Trimble active GPS
>antennas that USED to be \$50 are now \$65 + shipping. They are not in stock
>right now but will be in about a week. I just ordered 2 more... they work
>beautifully with my Garmin GPS-45. I plan to use then with 2 GPS-20's I
>ordered from TAPR for standalone trackers.

>

> Have fun es 73 de Boyd

> w2hob@mosquito.com

>

>

>

William E. Ott

PinkCactus DotCom / Carolina PC Support / Durham County EMS

weo@pinkcactus.com

weo@acpub.duke.edu

weo@ral.mindspring.com

RSA/PGP Public Key = 0x4599B337

Fax : 919-380-9385

Voice : 919-467-5940

From dpage@cvp.ti.com Thu Oct 10 11:24:41 1996
Received: from gatekeep.ti.com (news.ti.com [192.94.94.33]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id LAA02684 for <aprssig@tapr.org>; Thu, 10 Oct 1996
11:24:34 -0500 (CDT)
Received: from cvpsun174.cvp.ti.com ([157.170.16.78]) by gatekeep.ti.com (8.6.13)
with SMTP id LAA27335; Thu, 10 Oct 1996 11:23:29 -0500
Received: by cvpsun174.cvp.ti.com (4.1/SMI-4.1)
id AA21054; Thu, 10 Oct 96 11:22:44 CDT
Date: Thu, 10 Oct 96 11:22:44 CDT
From: dpage@cvp.ti.com (Doug Page)
Message-Id: <9610101622.AA21054@cvpsun174.cvp.ti.com>
To: aprssig@tapr.org
Subject: [APRSSIG:5515] Re: interface to DF for aprs
Cc: w-page@ti.com

Ditto!

I have a double problem in that we not only have moved DNS domains but
are also behind a firewall which creates its own set of problems. It
won't even allow me to change the characteristics so that I only get a
single (large) message per day.

I have also been sent e-mail telling me that I had been removed from the
list, but 6 months later I am still receiving the list.

I have been on the Internet for 10 years and this is the first mailing
list that I have been associated with that is so picky about statement
lines yet does not have a reliable workaround for those cases when the
world changes for a subscriber as it has with Roger and myself.

MTES,

73

Doug, KC5RRZ

Roger Breckon said:

>

>U can't!

>Your stuck here forever.

>I been trying to remove this listing from my sever for months.

>I have tried every way I know and also my server.

>Both attempts have failed.

>The server I use has changed mailers and tapr's computer

>will not respond unless it sees the exact original subscribe

>statement line.

>

>help my Del finger is abt to fall off!!!!!!

>

>73

>

>Roger

>=====

>On Wed, 9 Oct 1996 16:18:39 -0500 (CDT) kj5hx@juno.com writes:
>>I lost the message that tells how to unsubscribe to this org,could you
>>please tell me how to unsubscribe ... ED
>>
>>

From SWeigold@aol.com Thu Oct 10 14:24:49 1996
Received: from emout02.mail.aol.com (emout02.mx.aol.com [198.81.11.93]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id 0AA09369 for <aprssig@tapr.org>; Thu, 10
Oct 1996 14:24:48 -0500 (CDT)
From: SWeigold@aol.com
Received: by emout02.mail.aol.com (8.6.12/8.6.12) id PAA23941 for
aprssig@tapr.org; Thu, 10 Oct 1996 15:24:17 -0400
Date: Thu, 10 Oct 1996 15:24:17 -0400
Message-ID: <961010152415_1413305531@emout02.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5509] analog interface

In a message dated 96-10-10 00:56:07 EDT, you write:

> Of course this will not happen if very few people are interested, as it
> wouldn't be worth the trouble. Opinions?
>
> John Lakeland kc6v1r
>
>

John,

Funny you should mention it.. but I am very interested. I have even been
kicking around a design or two.. but was wondering about things like
copyright infringement. I have even been discussing it with another member
of this SIG. Nice to see that there are others interested.

Steve KF8KI

From paulc@cyclades.com Thu Oct 10 15:55:55 1996
Received: from MediaCity.com (root@easy1.mediacity.com [205.216.172.10]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA12005 for <aprssig@tapr.org>; Thu, 10
Oct 1996 15:55:53 -0500 (CDT)
Received: from larry.cyclades.com (larry.cyclades.com [208.138.19.43]) by
MediaCity.com (8.6.11/8.6.9) with SMTP id NAA27209 for <aprssig@tapr.org>; Thu, 10
Oct 1996 13:51:50 -0700
Message-ID: <325D62B1.22CC@cyclades.com>
Date: Thu, 10 Oct 1996 13:55:13 -0700
From: Paul Christenson <paulc@cyclades.com>
Reply-To: paulc@cyclades.com
Organization: Cyclades Corporation
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5516] Re: analog interface
References: <325D1316.4CB4@cyberenet.net>

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Derderian wrote:

> I would like to see it (generic analog and/or digital interface).
>
> Perhaps the easiest thing everyone could add would be temperature to
> their site, using a thermocouple (we're talking mV levels now).

>From the program's standpoint, simply reading a port and adding a tag to
it would be all that's needed. (Well, maybe the ability to do $\times 10^n$ to
shift the decimal point, too.) There are PIC chips with D/A converters
built in, and the translation/calibration should be part of that.

From JohnLGaf@gnn.com Thu Oct 10 16:01:34 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA12269 for <aprssig@tapr.org>; Thu, 10 Oct 1996
16:01:33 -0500 (CDT)
Received: from 33-163.client.gnn.com. (33-163.client.gnn.com [205.188.33.163]) by
mail-e2b.gnn.com (8.7.1/8.6.9) with SMTP id QAA25576 for <aprssig@tapr.org>; Thu,
10 Oct 1996 16:59:26 -0400 (EDT)
Message-Id: <199610102059.QAA25576@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 10 Oct 1996 15:59:58
From: JohnLGaf@gnn.com (John L. Gafford)
To: aprssig@tapr.org
Subject: Garmin 20 & MIM Board

I have a Garmin 20 and a MIM board which I will sell, or trade for
a Garmin 45.

John - N5XAK

From w2hob@mosquito.com Thu Oct 10 16:05:27 1996
Received: from itchy.mosquito.com (itchy.mosquito.com [206.205.132.2]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA12577 for <aprssig@tapr.org>; Thu, 10 Oct 1996
16:05:25 -0500 (CDT)
Received: from dial58.mosquito.com (dial58.mosquito.com [206.205.132.87]) by
itchy.mosquito.com (8.7.5/8.6.12) with SMTP id RAA20723 for <aprssig@tapr.org>;
Thu, 10 Oct 1996 17:06:19 -0400 (EDT)
Date: Thu, 10 Oct 1996 17:06:19 -0400 (EDT)
Message-Id: <1.5.4.16.19961010170531.2d7f9cbe@mosquito.com>
X-Sender: w2hob@mosquito.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Boyd Prestwood <w2hob@mosquito.com>
Subject: Re: [APRSSIG:5518] Re: Trimble GPS antenna

At 11:19 10/10/96 -0500, you wrote:

>How do these Trimble GPS antennas mount? Magnetic, suction, pole? Thanks

Magnetic... VERY strong magnets... it's waterproof too!

Have fun es 73 de Boyd
w2hob@mosquito.com

From dougwe@ccintnet.wrq.com Thu Oct 10 16:33:11 1996
Received: from elmer.wrq.com (elmer.wrq.com [150.215.17.1]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id QAA13371 for <aprssig@tapr.org>; Thu, 10 Oct 1996
16:33:09 -0500 (CDT)
From: dougwe@ccintnet.wrq.com
Received: from ccintnet.wrq.com ([150.215.5.110]) by elmer.wrq.com with SMTP
(1.37.109.20/15.6) id AA298803186; Thu, 10 Oct 1996 14:33:06 -0700
Received: from ccMail by ccintnet.wrq.com (SMTPLINK V2.10.08)
id AA844972738; Thu, 10 Oct 96 10:30:00 PST
Date: Thu, 10 Oct 96 10:30:00 PST
Message-Id: <9609108449.AA844972738@ccintnet.wrq.com>
To: aprssig@tapr.org
Subject: re: [APRSSIG:5514] Re: Trimble GPS antenna

--- This is a reply to message number 706808, posted on 10/10/96 10:17

With the advent of the tapr GPS20 buy and recent questions regarding the
Trimble antenna, would someone like to volunteer to go through the sig archives
and compile the discussions of connectors and cabling adaptors. A zip file on
the upload directory just for that would be most helpful.

73,
Doug
KC7C0

From TCox17892@aol.com Thu Oct 10 17:54:10 1996
Received: from emout11.mail.aol.com (emout11.mx.aol.com [198.81.11.26]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA16769 for <aprssig@tapr.org>; Thu, 10
Oct 1996 17:54:09 -0500 (CDT)
From: TCox17892@aol.com
Received: by emout11.mail.aol.com (8.6.12/8.6.12) id SAA22881 for
aprssig@tapr.org; Thu, 10 Oct 1996 18:53:38 -0400
Date: Thu, 10 Oct 1996 18:53:38 -0400
Message-ID: <961010185337_207370760@emout11.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5522] Garmin 20 & MIM Board

What, pray, is a MIM board?

From kc5ejk@onramp.net Thu Oct 10 20:36:06 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id UAA22168 for <aprssig@tapr.org>; Thu, 10 Oct 1996 20:36:05 -0500 (CDT)
Received: from [199.1.154.160] (central32.onramp.net [199.1.154.160]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id UAA01698 for <aprssig@tapr.org>; Thu, 10 Oct 1996 20:36:01 -0500 (CDT)
Message-Id: <v02140b00ae8361067b9b@[199.1.11.144]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 10 Oct 1996 20:37:26 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:5525] Re: Garmin 20 & MIM Board

>What, pray, is a MIM board?

I don't know where the MIM board is on the food chain but I can tell you that the Micro Interface Module is discussed in TELEMETRY.txt . This file is one of the docs that comes with DOC APRS.

73

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From aprs@juno.com Thu Oct 10 22:07:43 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA24781 for <aprssig@tapr.org>; Thu, 10 Oct 1996 22:07:42 -0500 (CDT)
Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail) id WAA09114; Thu, 10 Oct 1996 22:09:30 EDT
To: aprssig@tapr.org
Subject: List problems again
Message-ID: <19961010.164308.9318.7.aprs@juno.com>
References: <19800102.174729.6318.0.n8chb@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-1,6-7,10-18,20-44
From: aprs@juno.com (ap rs)
Date: Thu, 10 Oct 1996 22:09:30 EDT

It appears that the list has no maintainer.
If it did, he/she could solve these types of problems.
This includes your problem, as well as the one which has to do with the "reply to" field being picked up wrong. When someone replies to the sender, it goes to the list, rather than the sender. I wrote to the list producer and they told me how to fix it, but no one will accept responsibility for list maintenance. At least that is what it seems like.

Keith Sproul is the "host", but he is rarely seen here anymore and Greg Jones from TAPR seems to be helpful, but I am not sure if he "controls"

the list either.

WHO CONTROLS THIS LIST?????

ralph N4NEQ

rwf@mindspring.com

do not reply to juno address, used for retrieval only

On Thu, 10 Oct 1996 10:23:45 -0500 (CDT) n8chb@juno.com (Roger Breckon) writes:

>

>U can't!

>Your stuck here forever.

>I been trying to remove this listing from my sever for months.

>I have tried every way I know and also my server.

>Both attempts have failed.

>The server I use has changed mailers and tapr's computer

>will not respond unless it sees the exact original subscribe

>statement line.

>

>help my Del finger is abt to fall off!!!!!!

>

>73

>

>Roger

>=====

>On Wed, 9 Oct 1996 16:18:39 -0500 (CDT) kj5hx@juno.com writes:

>>I lost the message that tells how to unsubscribe to this org,could

>you

>>please tell me how to unsubscribe ... ED

>>

>>

>

>

From davew@cruzio.com Thu Oct 10 23:47:02 1996

Received: from cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA28465 for <aprssig@tapr.org>; Thu, 10 Oct 1996 23:47:01 -0500 (CDT)

Date: Thu, 10 Oct 1996 23:47:01 -0500 (CDT)

Received: from pine222.cruzio.com by cruzio.com id aa22875; 10 Oct 96 18:22 PDT

X-Sender: davew@mail.cruzio.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: David Wells <davew@cruzio.com>

Subject: Re: [APRSSIG:5504] GPS-75 lockup

Message-ID: <9610101822.aa22875@cruzio.com>

At 08:19 PM 10/9/96 -0500, you wrote:

>Hello all,

>
>My GPS-75 must be monitoring this SIG, and decided that it was time for
>it to join in and have a little fun with me, 'cause it today for the
>first time operating mobile for almost two years was locked up (screen
>froze) when I came out of work to go home this AM.
>
>I had to remove power from the unit to restart, couldn't shut down from
>the keypad. And when I restarted, surprise!, all stored information was
>gone! MY 150+ waypoints lost, along with routes and config params. I may
>have hit the button below the PWR key when I rebooted the unit, not
>sure.

Mine did the same thing last week. I do not know if I lost the WP's since I
had to do a reset to it a couple weeks before when it suddenly would no
longer receive any sats. It has been working fine since then.

>Does anyone know what will happen if you press another (or any) key when
>powering up?

>
>Is there a key sequence for clearing out the memory during reboot?

Holding the CLR key while turning it on will dump the memory.

>I seem to remember my GPS-75 going into a diagnostic mode of some sort
>once also, is there a key sequence to enter this mode. I remember the
>screen was showing an animated, expanding box with maybe a line of text
>in the center of the screen.

Holding the ENTER key while turning it on enters the diagnostic. Hit ENTER
again to see the test display. The signal amplitude reading should be 1600
or better according to the Service Manual.

>If anyone knows where I can find a list of key sequences for the GPS-75,
>I would like to know.

These are the only ones I know of.

>Thanks, Bob

>
>.-
>

Dave
David L. Wells KD6TO (KD6 Teletype Operator)
INTERNET: davew@cruzio.com
Watsonville, CA USA

From denniswj@aljan.com.au Fri Oct 11 05:10:52 1996
Received: from orion.aljan.com.au (root@orion.aljan.com.au [203.26.188.1]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA11010 for <aprssig@tapr.org>; Fri, 11
Oct 1996 05:10:41 -0500 (CDT)
Received: from aljan.aljan.com.au (denniswj.aljan.com.au [203.30.147.30]) by
orion.aljan.com.au (8.6.12/8.6.9) with ESMTP id UAA26086 for <aprssig@tapr.org>;

Fri, 11 Oct 1996 20:10:49 +1000
Message-Id: <199610111010.UAA26086@orion.aljan.com.au>
From: "DENNIS JAMES" <denniswj@aljan.com.au>
To: "Aprs Group" <aprssig@tapr.org>
Subject: GPS45XL BATTRIES
Date: Thu, 10 Oct 1996 19:32:29 +1000
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Thanks to all who answered my inquiry on connecting a power supply with batteries still in unit.

Dennis
Scone Australia
The Horse Capital of Australia
VK2DOR KO-23 UO-22 KO-25
GRID QF57KX
denniswj@aljan.com.au

From bruninga@nadm.navy.mil Fri Oct 11 08:59:30 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA16322 for <aprssig@tapr.org>; Fri, 11 Oct 1996 08:59:28 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA24300 for <aprssig@tapr.org>; Fri, 11 Oct 1996 10:04:33 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Fri, 11 Oct 1996 10:04:33 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5521] Re: analog interface
In-Reply-To: <325D62B1.22CC@cyclades.com>
Message-ID: <Pine.GS0.3.95.961011100144.19041E-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 10 Oct 1996, Paul Christenson wrote:

> >From the program's standpoint, simply reading a port and adding a tag to
> it would be all that's needed. (Well, maybe the ability to do $\times 10^n$ to
> shift the decimal point, too.) There are PIC chips with D/A converters
> built in, and the translation/calibration should be part of that.

APRSDOS REPLY/COMMENT: That's what the MIM is, a PIC with 5 analog inputs. It outputs an APRS formatted telemetry packet. The translation/calibration is included in additional packets to tell APRS on RECEIVE what equation and units to use for the display... That has been built into APRS for over 2 years...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Fri Oct 11 09:13:43 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA16684 for <aprssig@tapr.org>; Fri, 11 Oct 1996 09:13:42 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA26426 for <aprssig@tapr.org>; Fri, 11 Oct 1996 10:18:48 -0400 (EDT)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Fri, 11 Oct 1996 10:18:44 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5525] Re: Garmin 20 & MIM Board

In-Reply-To: <961010185337_207370760@emout11.mail.aol.com>

Message-ID: <Pine.GSO.3.95.961011101550.19041H-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 10 Oct 1996 TCox17892@aol.com wrote:

> What, pray, is a MIM board?

APRSDOS REPLY/COMMENT: Its the APRS Micro-Interface-Module. A complete TNC transmitter on a chip which has 5 analog inputs and 8 digital bit inputs plus a GPS input. It will transmit its position (if GPS is connected) plus a packet with the telemetry in it. APRS displays the position as usual, and the telemetry on the TELEMETRY screen. See the readme file TELEMETRY.txt Oh yes, its smaller than a match box... The earlier prototypes were larger, about the size of a credit card and cost \$90...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From jclakeland@ucdavis.edu Fri Oct 11 09:21:24 1996

Received: from franc.ucdavis.edu (root@franc.ucdavis.edu [128.120.8.183]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA16991 for <aprssig@tapr.org>; Fri, 11 Oct 1996 09:21:22 -0500 (CDT)

Received: from DialupEudora by franc.ucdavis.edu (8.7.5/UCD3.5.8) id HAA26630; Fri, 11 Oct 1996 07:21:18 -0700 (PDT)

Message-Id: <199610111421.HAA26630@franc.ucdavis.edu>

X-Sender: szlakela@peseta.ucdavis.edu

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 11 Oct 1996 07:21:12 -0800

To: aprssig@tapr.org

From: jclakeland@ucdavis.edu (John Lakeland)

Subject: MIM vs analog interface

SNIP

APRSDos REPLY/COMMENT: I must be missing something. The MIM is exactly what you are specifying AS IS. It is a 5 ANALOG channel and 8 digital bit INPUT device that outputs APRS packets. What is it that this cannot do?

SNIP

According to Will Clement, as I understood him, the MIM is the TRANSMIT side of a TNC. It interfaces with a radio, not a computer. I want to input data to my fixed station same as a weather station. This requires an RS232 interface which the MIM does not have. Otherwise, using the MIM one would have to have 2 radios etc. If I'm wrong I hope Will Clement will get in here and straighten me out. I'd love it if the MIM were already capable of doing this.

John Lakeland kc6v1r

From bruninga@nadn.navy.mil Fri Oct 11 09:23:44 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA17026 for <aprssig@tapr.org>; Fri, 11 Oct 1996 09:23:42 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA27333; Fri, 11 Oct 1996 10:28:41 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Fri, 11 Oct 1996 10:28:41 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: Bill Kelsey - N8ET - Kanga US <kanga@brutus.bright.net>
cc: john.klingelhoefter@comsat.com, aprssig@tapr.org
Subject: Re: HF R2/T2 Units and Kanga US
In-Reply-To: <199610101925.PAA27212@brutus.bright.net>
Message-ID: <Pine.GSO.3.95.961011101917.19041I-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 10 Oct 1996, Bill Kelsey - N8ET - Kanga US wrote:

> ...Someone on this list (I am no a current subscriber) was looking for
> info on the KK7B R2 and T2 modules. I supply the kits for those
> modules, in addition to kits for the miniR2, R1, LM-2 and a power
> splitter / phase shift board. More info is available on my web page
> 73 - Bill Kelsey - N8ET
> kanga@bright.net 419-423-4604
> <http://qrp.cc.nd.edu/kanga/>

APRSDos REPLY/COMMENT: MANY of us on the APRSSIG are looking for a design to use as a single frequency XTAL controlled HF transceiver for 10.151 MHz PACKET. We will want it to output from 20 to 50 watts but otherwise, to be a black box. 12 volts and packet TNC data in, RF out. I think your receiver and exciter boards are perfect, since I think they produce true SSB. Packet is of course just FSK, so shifting the transmit signal should

be easy. SSB reception through a CW filter does the trick on receive... I am sending this message to the whole APRSSIG to see if anyone wants to explore these modules as an approach to the HF data transceiver design..

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From jclakeland@ucdavis.edu Fri Oct 11 09:57:51 1996

Received: from franc.ucdavis.edu (root@franc.ucdavis.edu [128.120.8.183]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA18082 for <aprssig@tapr.org>; Fri, 11 Oct 1996 09:57:48 -0500 (CDT)

Received: from DialupEudora by franc.ucdavis.edu (8.7.5/UCD3.5.8)

id HAA02355; Fri, 11 Oct 1996 07:57:42 -0700 (PDT)

Message-Id: <199610111457.HAA02355@franc.ucdavis.edu>

X-Sender: szlakela@peseta.ucdavis.edu

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 11 Oct 1996 07:57:36 -0800

To: aprssig@tapr.org

From: jclakeland@ucdavis.edu (John Lakeland)

Subject: Instruments

snip

Perhaps the easiest thing everyone could add would be temperature to their site, using a thermocouple (we're talking mV levels now). It's fairly easy to get or create a T/C (thermocouple). Should be able to get T/C wire at most electrical shops, and the tables for the various T/Cs are easily obtainable which give the temp/mV relationship for its (the T/C's) range. To cal a T/C quick and easy you can just dunk it in a bath of ice/water, ice and water only exist at one temperature, 0 Celceis (or 32 deg. F). A couple lines of code in APRS would let you cal your T/C and your all set to report your local temps across the network.

snip

Yep, and a few simple components and an op amp or 2 and you could have temp/volt. A simple board anyone could build from Radio Shack parts would do the trick. Even if you know little to nothing about electronics with the information that could easily be provided by one of us who does, anyone could add such instruments. Another idea I have been working on is an aneroid barometer based on a cookie tin and a linear potentiometer (with associated simple circuitry). The possibilities are endless.

John Lakeland kc6v1r

From bruninga@nadm.navy.mil Fri Oct 11 11:41:02 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA21872 for <aprssig@tapr.org>; Fri, 11 Oct 1996 11:41:00 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil

(8.7.5/8.7.3) with SMTP id MAA12295 for <aprssig@tapr.org>; Fri, 11 Oct 1996 12:46:05 -0400 (EDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Fri, 11 Oct 1996 12:46:05 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: APRS NODES GOING ON LINE

In-Reply-To: <1.5.4.32.19961011162857.0066910c@mail.intrlink.com>

Message-ID: <Pine.GS0.3.95.961011124242.4032C-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 11 Oct 1996, lee mcdaniel wrote:

> Wanted to let you know that I have placed a new WIDE
> on near Lexington, Va. at 4100'...next WIDE will go on Poor Mountain
> Roanoke, Va. 3960' in 2 weeks...then the last on Sand Mountain 3900'
> near Wythville, Va by first snowfall..

> This will give coverage with what is already up and running
> Mobile coverage from DC to the TENN. line..all along I-81, I-66
> and I-64... OVER 300 MILES ALL TOGETHOR...

> 73 LEE WB4Q0J BBS 1.540.362.8673
> The Blue Ridge Video and Digital Society WEB Page
> <http://www.intrlink.com/~sparky/wb4qoj/wb4qoj.htm>

From bruninga@nadn.navy.mil Fri Oct 11 11:43:33 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA21907 for <aprssig@tapr.org>; Fri, 11 Oct 1996 11:43:32 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id MAA12505 for <aprssig@tapr.org>; Fri, 11 Oct 1996 12:48:36 -0400 (EDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Fri, 11 Oct 1996 12:48:36 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5532] MIM vs analog interface

In-Reply-To: <199610111421.HAA26630@franc.ucdavis.edu>

Message-ID: <Pine.GS0.3.95.961011124638.4032D-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 11 Oct 1996, John Lakeland wrote:

> According to Will Clement, as I understood him, the MIM is the TRANSMIT
> side of a TNC. It interfaces with a radio, not a computer. I want to input
> data to my fixed station same as a weather station. This requires an RS232
> interface which the MIM does not have. Otherwise, using the MIM one would
> have to have 2 radios etc.

APRSDos REPLY/COMMENT: I would just connect the MIM to the same radio and who cares if the packet is coming from a different piece of hardware... It still looks the same on the air... Also, then, it will still report conditions when the PC is doing something else...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From marko@tetherless.com Fri Oct 11 12:55:02 1996

Received: from gorgor.pa.tetherless.com (root@gorgor.pa.tetherless.com [204.94.180.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA24258 for <aprssig@tapr.org>; Fri, 11 Oct 1996 12:55:01 -0500 (CDT)

Received: from mark.pa.tetherless.com (mark.pa.tetherless.com [204.94.180.151]) by gorgor.pa.tetherless.com (8.7.3/8.7.3) with SMTP id KAA05110 for <aprssig@tapr.org>; Fri, 11 Oct 1996 10:54:58 -0700 (PDT)

Date: Fri, 11 Oct 1996 10:54:58 -0700 (PDT)

Message-Id: <1.5.4.16.19961011105505.4d4f22a2@gorgor.pa.tetherless.com>

X-Sender: marko@gorgor.pa.tetherless.com

X-Mailer: Windows Eudora Light Version 1.5.4 (16)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Mark Oppenheim <marko@tetherless.com>

Subject: Motorola Oncore GPS problem

OK, here's my last try.....

My Oncore puts out the following string:

(This represents the output when satellites are not being received, so ignore the fact that it's missing lat/lon)

\$GPGGA,<>>>.<>>>.S,<>>>.<>>>.W,8.<>..-1<.8.M,-1<.8.M,,*52

E

(the "E" is actually a binary character, and is put out AFTER the <CR>, and at the end of that string and before the next string starts)

I have tried setting the unit to "default" setting using the motorola GPS90 program, letting the unit sit, and even looking for a reset pin inside the unit.

The unit appears to receive OK, it's just that the strings are mangled.

* Has anyone seen (and fixed) the problem?

* Where do I send the unit for repair?

Mark

From ttyamada@CCGATE.HAC.COM Fri Oct 11 13:30:23 1996

Received: from igate1.hac.com (igate1.HAC.COM [192.48.33.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA25280 for <aprssig@tapr.org>; Fri, 11 Oct 1996

13:30:21 -0500 (CDT)
From: ttyamada@CCGATE.HAC.COM
Received: from ises01.ES.HAC.COM ([147.16.5.2]) by igate1.hac.com (8.7.6/8.7.3)
with SMTP id LAA22553 for <aprssig@tapr.org>; Fri, 11 Oct 1996 11:29:52 -0700
(PDT)
Received: by ises01.ES.HAC.COM; id AA29595; Fri, 11 Oct 1996 11:29:47 -0700
Received: from cc:Mail by CCGATE.HAC.COM
id AA845058448; Fri, 11 Oct 96 11:26:48 PST
Date: Fri, 11 Oct 96 11:26:48 PST
Encoding: 28 Text
Message-Id: <9609118450.AA845058448@CCGATE.HAC.COM>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5536] Re: MIM vs analog interface

Maybe John wants an analog & digital interface to his
PC, for data logging purposes (rather than put
this data on the air)?

----- Reply Separator -----
Subject: [APRSSIG:5536] Re: MIM vs analog interface
Author: aprssig@tapr.org at CCGATE
Date: 10/11/96 10:24 AM

On Fri, 11 Oct 1996, John Lakeland wrote:

> According to Will Clement, as I understood him, the MIM is the TRANSMIT
> side of a TNC. It interfaces with a radio, not a computer. I want to input
> data to my fixed station same as a weather station. This requires an RS232
> interface which the MIM does not have. Otherwise, using the MIM one would
> have to have 2 radios etc.

APRSDos REPLY/COMMENT: I would just connect the MIM to the same radio
and who cares if the packet is coming from a different piece of
hardware... It still looks the same on the air... Also, then, it will
still report conditions when the PC is doing something else...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From dougwe@ccintnet.wrq.com Fri Oct 11 13:49:09 1996
Received: from elmer.wrq.com (elmer.wrq.com [150.215.17.1]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id NAA26272 for <aprssig@tapr.org>; Fri, 11 Oct 1996
13:49:07 -0500 (CDT)
From: dougwe@ccintnet.wrq.com
Received: from ccintnet.wrq.com ([150.215.5.110]) by elmer.wrq.com with SMTP
(1.37.109.20/15.6) id AA269449740; Fri, 11 Oct 1996 11:49:00 -0700
Received: from ccMail by ccintnet.wrq.com (SMTPLINK V2.10.08)
id AA845059630; Fri, 11 Oct 96 09:12:00 PST
Date: Fri, 11 Oct 96 09:12:00 PST

Message-Id: <9609118450.AA845059630@ccintnet.wrq.com>

To: aprssig@tapr.org

Subject: Coax

Anyone have a relatively inexpensive source for RG-174 coax, connectors, and connector tools?

Doug
KC7CO

From wclement@the-hermes.net Fri Oct 11 14:17:29 1996

Received: from seeker (root@seeker.the-hermes.net [205.177.6.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA27069 for <aprssig@tapr.org>; Fri, 11 Oct 1996 14:17:27 -0500 (CDT)

Received: from wclement-ppp (athena-7.the-hermes.net [205.177.6.37]) by seeker (8.6.12/8.6.12) with SMTP id PAA20310 for <aprssig@tapr.org>; Fri, 11 Oct 1996 15:19:08 -0400

Posted-Date: Fri, 11 Oct 1996 15:19:08 -0400

Message-ID: <325E9D5A.3D44@the-hermes.net>

Date: Fri, 11 Oct 1996 15:17:46 -0400

From: "Dr. William I. Clement" <wclement@the-hermes.net>

Reply-To: 1261@the-hermes.net, Dogwood@the-hermes.net, Road@the-hermes.net, Arnold@the-hermes.net, MD@the-hermes.net, 21012@the-hermes.net

Organization: Clement Engineering, Inc.

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5538] Re: MIM vs analog interface

References: <9609118450.AA845058448@CCGATE.HAC.COM>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

ttyamada@CCGATE.HAC.COM wrote:

>

> Maybe John wants an analog & digital interface to his
> PC, for data logging purposes (rather than put
> this data on the air)?

>

Just to calm some of the debate, I have spoken to John concerning the MIM's capabilities and he understands its operations correctly. His needs are for another device -- just as "ttyamada@CCGATE.HAC.COM" noted.

73 de Will Clement

P.S. Now that I am using Netscape Gold 3.0, I hope I haven't included that silly WINDATA at the end of this e-mail. I would appreciate a personal reply from someone confirming this.

From JohnLGaf@gnn.com Fri Oct 11 14:43:29 1996

Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA28253 for <aprssig@tapr.org>; Fri, 11 Oct 1996

14:43:27 -0500 (CDT)

Received: from 32-231.client.gnn.com. (32-231.client.gnn.com [205.188.32.231]) by mail-e2b.gnn.com (8.7.1/8.6.9) with SMTP id PAA26924 for <aprssig@tapr.org>; Fri, 11 Oct 1996 15:42:54 -0400 (EDT)

Message-Id: <199610111942.PAA26924@mail-e2b.gnn.com>

X-Mailer: GNNmessenger 1.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 11 Oct 1996 14:43:28

From: JohnLGaff@gnn.com (John L. Gafford)

To: aprssig@tapr.org

Subject: Garmin 20 and MIM Board

Subject items have been disposed of.

73, all John - N5XAK

From clark@tomcat.gsfc.nasa.gov Fri Oct 11 15:09:13 1996

Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA29116 for <aprssig@tapr.org>; Fri, 11 Oct 1996 15:09:11 -0500 (CDT)

From: clark@tomcat.gsfc.nasa.gov

Received: by tomcat.gsfc.nasa.gov (920411 (KA9Q+W3IWI))
id AA635 ; Fri, 11 Oct 96 20:09:11 UTC

Date: Fri, 11 Oct 96 20:09:11 UTC

Message-Id: <636@tomcat.gsfc.nasa.gov>

To: aprssig@tapr.org

Cc: aprssig@tapr.org

Subject: Re: [APRSSIG:5537] Motorola Oncore GPS problem

In-Reply-To: your message of Fri, 11 Oct 1996 13:06:34 -0500 (CDT).

<1.5.4.16.19961011105505.4d4f22a2@gorgor.pa.tetherless.com>

A couple of ideas -- check your serial port configuration. You should be using N81 at 4800 baud. It looks like you have the parity or stop bits wrong. The "E" you see is probably a <lf> since the NMEA message is defined as terminating in <cr>+<lf>.

73, Tom

From marko@tetherless.com Fri Oct 11 17:12:04 1996

Received: from gorgor.pa.tetherless.com (root@gorgor.pa.tetherless.com [204.94.180.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA03140 for <aprssig@tapr.org>; Fri, 11 Oct 1996 17:12:02 -0500 (CDT)

Received: from mark.pa.tetherless.com (mark.pa.tetherless.com [204.94.180.151]) by gorgor.pa.tetherless.com (8.7.3/8.7.3) with SMTP id PAA07095 for <aprssig@tapr.org>; Fri, 11 Oct 1996 15:11:59 -0700 (PDT)

Date: Fri, 11 Oct 1996 15:11:59 -0700 (PDT)

Message-Id: <1.5.4.16.19961011151206.5427428a@gorgor.pa.tetherless.com>

X-Sender: marko@gorgor.pa.tetherless.com

X-Mailer: Windows Eudora Light Version 1.5.4 (16)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org
From: Mark Oppenheim <marko@tetherless.com>
Subject: Re: [APRSSIG:5542] Re: Motorola Oncore GPS problem

At 03:13 PM 10/11/96 -0500, Tom wrote:

>A couple of ideas -- check your serial port configuration. You
>should be using N81 at 4800 baud. It looks like you have the parity
>or stop bits wrong. The "E" you see is probably a <lf> since the NMEA
>message is defined as terminating in <cr>+<lf>.

Unfortunately, I've checked this, and the Motorola program sets all the comms port parms between the "Motorola Binary Mode" (which the program reports "data errors" on) and the problem also exists on the motorola.bas program distributes with APRS.

I have a starng feeling that getting ths unit fixed will be more than it's worth... Maybe I can use the box for a 1W RF deck for 2 meters!

Mark

From 72155.1222@CompuServe.COM Fri Oct 11 19:14:14 1996
Received: from dub-img-3.compuserve.com (dub-img-3.compuserve.com [149.174.206.133]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA06646 for <aprssig@tapr.org>; Fri, 11 Oct 1996 19:14:13 -0500 (CDT)
Received: by dub-img-3.compuserve.com (8.6.10/5.950515)
id UAA08331; Fri, 11 Oct 1996 20:13:41 -0400
Date: 11 Oct 96 20:12:40 EDT
From: Richard Ball <72155.1222@CompuServe.COM>
To: aprssig <aprssig@tapr.org>
Subject: G 45 problem update
Message-ID: <961012001239_72155.1222_EHB122-1@CompuServe.COM>

It been interesting. Last friday I left a message about my Garmin45 in the car just losing the satellites while sitting in a parking lot while I had a LONG lunch. I asked if this was a problem with my unit or just happens.

There have been MANY replies. BUT the tone of the message sure got changed. I started by asking if mine was a problem. It changed to Garmin bashing/bragging, to..... There have been so many changes, I am not sure what the question is from reading the 'RE:' now. Some have quoted all, some have quoted some, some changed the topic. Its like the kids game where you start at one end and see what is said by the last person in the room. I am not criticizing, just thought it was interesting.

Now to what has happened to me. I was asked what antenna I was using, the Garmin external mag mount on top of car. Not through the windshield. Did I have the batteries in. No I didn't. Thinking that with external power they weren't needed. I put them in. Didn't make much difference. Drove around with GPS running for about two hours, sitting at stop light looked over, no status bars. good view of sky. switch off/on all 8 bars right away.

Then Bill N. said was the GPS still in 'BATTERY SAVER MODE'? Will wonders never cease, it was. Shows what reading the manual does. Anyway I went to lunch again today (Fri), same place, even the same parking place. and YES I did stay a LONG time. And when I came out the GPS was still running, all 8 bars. I know this wasn't the final test, but its sure a good start.

THANKS for all the comments I have received, both good and bad, it shows there are people willing to help on this SIG.

Richard N7Rig

From bruninga@nadm.navy.mil Fri Oct 11 21:50:15 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA10469 for <aprssig@tapr.org>; Fri, 11 Oct 1996 21:50:11 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id WAA20659 for <aprssig@tapr.org>; Fri, 11 Oct 1996 22:55:17 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Fri, 11 Oct 1996 22:55:17 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5538] Re: MIM vs analog interface
In-Reply-To: <9609118450.AA845058448@CCGATE.HAC.COM>
Message-ID: <Pine.GS0.3.95.961011225106.20587B-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 11 Oct 1996 ttyamada@CCGATE.HAC.COM wrote:

> Maybe John wants an analog & digital interface to his
> PC, for data logging purposes (rather than put
> this data on the air)?

APRSDos REPLY/COMMENT: Could be, but he originally asked for this capability to be added to APRS; and why put it in APRS unless it has a use on the air?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From kc5ejk@onramp.net Fri Oct 11 23:32:20 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA13812 for <aprssig@tapr.org>; Fri, 11 Oct 1996 23:32:18 -0500 (CDT)
Received: from [199.1.11.112] (dal12.onramp.net [199.1.11.112]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id XAA18494 for <aprssig@tapr.org>; Fri, 11 Oct 1996 23:32:13 -0500 (CDT)
Message-Id: <v02140b00ae84d0ce985e@[199.1.154.160]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 11 Oct 1996 23:33:41 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Garmin 45 update

Thanks for the report.

To summerize and a few other points.

:

The Garmin-45 will auto shutdown (turn off) if
There is no GPS data for some periode of time (like parking in
a covered garage. The unit will also shutdown with an internal battery
only supply when it sees low power, thus saving you from a internal
parameter memory loss.

Don't use BATTERY SAVER MODE even when using internal batteries.
It doesn't save much and no reason if using external power.

Use a 1/4 amp fuse if using external power and external antenna.
There is DC voltage on the antenna BNC to power the active external
antenna pre-amp.

Several people have reported it is better to keep a set off internal
batteries in the unit. The internal batteries are isolated, so safe to
use Ni-Cads (External power will NOT charge the internal batteries).

Some have reported there is a slight drain of the internal batteries even
when using external power. I can report that the only time in over
two years of car GPS use that I have seen a lock up and no status bars was
when starting the car with almost dead internal batteries.

The same day I had a complete reset of the internal data. Never had that
problem again when I started using good internal batteries.
(Renewal Alkaline have good bang for the buck)

----- My setup -----

I use the ICOM HT cigarette lighter 13.5 volt power plug with the
internal RFI LC circuit for external GPS power.

I use the Garmin external antenna inside the car and get a good satellite
lock before moving. High pager RF areas will play havoc with getting
a lock.

The Garmin-45 is a so called dual channel GPS, NOT a parallel GPS.

The Garmin will process data from one satelllite while it
reads data from the next satelllite. (So they say), but It still
scans the 8 satelllites one at a time, like a single channel unit.

Save yourself 20 min of "Searching the sky" and write your
normal local LON/LAT on the unit for use in case of a total reset.

From davidmc@goodnet.com Sat Oct 12 00:15:44 1996
Received: from goodguy.goodnet.com (root@goodnet.com [207.98.129.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA18953 for <aprssig@tapr.org>; Sat, 12 Oct 1996 00:15:43 -0500 (CDT)
Received: from 206.43.126.93 (tempe-ts2-28.goodnet.com [206.43.126.93]) by goodguy.goodnet.com (8.7.5/8.7.1) with SMTP id WAA09948 for <aprssig@tapr.org>; Fri, 11 Oct 1996 22:14:57 -0700 (MST)
Message-ID: <325F296F.6D89@goodnet.com>
Date: Fri, 11 Oct 1996 22:15:27 -0700
From: David McCarthy <davidmc@goodnet.com>
X-Mailer: Mozilla 2.02 (Macintosh; I; PPC)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: K6PD-7: Was that a plane?
References: <Pine.GS0.3.95.961009171517.28454C-1000000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think there was a track of an airplane pacing over southern AZ and ending in San Diego. Anybody else it?

From jclakeland@ucdavis.edu Sat Oct 12 10:43:39 1996
Received: from franc.ucdavis.edu (root@franc.ucdavis.edu [128.120.8.183]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA04789 for <aprssig@tapr.org>; Sat, 12 Oct 1996 10:43:37 -0500 (CDT)
Received: from DialupEudora by franc.ucdavis.edu (8.7.5/UCD3.5.8) id IAA16480; Sat, 12 Oct 1996 08:43:32 -0700 (PDT)
Message-Id: <199610121543.IAA16480@franc.ucdavis.edu>
X-Sender: szlakela@peseta.ucdavis.edu
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 12 Oct 1996 08:43:26 -0800
To: aprssig@tapr.org
From: jclakeland@ucdavis.edu (John Lakeland)
Subject: MIM/Analog interface

SNIP

APRSdos REPLY/COMMENT: I would just connect the MIM to the same radio and who cares if the packet is coming from a different piece of hardware... It still looks the same on the air... Also, then, it will still report conditions when the PC is doing something else...

SNIP

Hi all,

Well it's not exactly clear how one would connect the MIM and a TNC from a computer to a single radio at the same time, but maybe that can be done. Still, then one would have a weather station with no interface on one's own computer. I doubt that most people would like that very much, I wouldn't. The existing weather stations are supported in the manner I have suggested at least in Mac APRS, I haven't used the other 2 softwares. There is a nice virtual instrument panel and data logging and weather history and maps etc.

What I am suggesting is that the present approach requires a specific

software support for EACH commercial product. One generic analog interface would put an end to this requirement and allow an unlimited number of instruments, both commercial and home made to be used in the way a Peets weather station can be used now. To quote the read me file Telemetry.txt...

"The MIM was developed by Carl Wick, N3MIM, as a very simple, light-weight, throw-away module for experimental balloons."

As I understand it, the MIM is designed for stand alone telemetry. It is a great device for stand alone monitoring. It has many useful applications. It is not, as far as I can see, suitable as the interface for a fixed station to do what fixed stations currently do with existing commercial weather stations which have support in the software.

Somebody please correct me if I am wrong about this. I don't mean to be argumentative or cause anyone any difficulties, I just don't see how one can base a fixed monitoring station on the MIM.

John Lakeland kc6v1r

From gwyn@paccomm.com Sat Oct 12 11:57:07 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA07215 for <aprssig@tapr.org>; Sat, 12 Oct 1996 11:57:00 -0500 (CDT)
Received: from gwyn.paccomm.com by paccomm.com with smtp (Smail3.1.29.1 #1) id m0vC7My-000FQLC; Sat, 12 Oct 96 12:57 EDT
Received: by gwyn.paccomm.com with Microsoft Mail id <01BBB83C.B790F6A0@gwyn.paccomm.com>; Sat, 12 Oct 1996 12:56:00 -0400
Message-ID: <01BBB83C.B790F6A0@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:3956] Re: FW: GPS antenna placement
Date: Sat, 12 Oct 1996 12:55:57 -0400
Encoding: 84 TEXT, 70 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

On Thursday, August 22, 1996 10:07 AM, Barbara Fehner[SMTP:fehner@cts.com] wrote:

>Gwyn,
>
>What are the specs for the Trimble antenna that you sell?

>
>Barbara KK6IB
>E-Mail: fehner@cts.com
>

>-----

>At 09:23 AM 8/22/96 -0500, you wrote:

>>-----

>>From: Daniel Velez[SMTP:dvelez@infi.net]
>>Sent: Thursday, August 22, 1996 3:33 AM
>>To: aprssig@tapr.org
>>Subject: [APRSSIG:3949] GPS antenna placement

>>
>>Has anyone noted any negative effects while mounting a GPS antenna near
>>a transmitting antenna? I'm using the Motorola Oncore and need to
>>relocate this antenna...considering the base of the small mast holding
>>the UHF/VHF dual bander. Is a 45W VHF/35W UHF signal (one foot away)
>>harmful to the GPS active antenna or receiver?
>>
>>I have seen several GPS antennas with the preamp burned out from RF from
a
>>nearby transmitting antenna. Many modern antennas have filters to protect
>>against this possibility. I'd read my antenna specs closely before keying
>>the transmitter....
>>
>
>
>

GPS Antenna Specs.

These antennas are available from PacComm for \$65 plus shipping. They are fitted with an SMB connector which may have to be changed to fit your GPS receiver.

Delivery may take up to 2 weeks after order is placed.

Call 800-486-7388 to order.

73,
Gwyn Reedy
PacComm

New Miniature GPS Antenna from Trimble Navigation

Trimble's OEM Products Group announces a miniature GPS antenna for use with the SVee6-CM3 receiver. The new antenna features a 25 dB LNA, small size (47 mm x 40 mm x 13.3 mm, 180 gms.), magnetic mounting, and a 5 meter cable. This weatherproof antenna is designed to operate with or without a ground plane and includes filters for improved jam immunity. List price is \$75 when fitted with an SMB connector.

Total specification (through antenna, LNA, cable, and connector)

| | |
|------------------|---|
| Frequency Range | 1,575.42 +/- 1.023 MHz |
| Gain | 23dBi MIN (on 65 x 65 mm ground plane, -40 to +80C) |
| Noise Figure | 1.6 dB MAX (+23C) 2.3 dB MAX (+80C) |
| Output Impedence | 50 Ohms |

VSWR

2.0 MAX

Out of band rejection +/- 20 MHz 7dB MIN
 +/- 30 MHz 12 dB MIN
 +/- 50 Mhz 20 dB MIN
 +/- 100 MHz 30 dB MIN

- end -

Gwyn Reedy, W1BEL
PacComm Packet Radio Systems
<http://www.paccomm.com>

```
begin 600 WINMAIL.DAT
M>)\^(@$0`0:0" ` $` ````````!``$`0>0!@`(```Y 0` ````````#H` `$-@ 0`
M`@` ````(``@`!!) &``P`!````!````#` `````,`#`#` ````"P`/`#`@` ``````"``?\/
M`0` ```#`\` ``````````@2L?I+ZC$!F=;@#`=`0]4`@` ````!A<`)S<VEG0'1A<`(N
M;W)G`%--5% `87!R<W-I9T!T87!R+F]R9P` ``@`", $` ```%` ```4TU44 ``
M` ``>`,`P`0` ``!$` ``!A<`)S<VEG0'1A<`(N;W)G` `````,`%0P!` ````P`#^
M`#P8` ````>``$P`0` ``!,````G87!R<W-I9T!T87!R+F]R9R<``(!"S !` ````
M`%` ```%--5% Z05!24U-)1T!405!2+D]21P` `````,`#D` ``````"P! .@$` ````"
M`?8/`0` ````0` `````````#$RX!"( ``!@` ``!)4$TN36EC<F]S;V9T($UA:6PN
M3F]T90`Q" $$@ $` ,0` ```%)%.B!;05!24U-)1SHS.34V72!293H@1E<Z($=0
M4R!A;G1E;FYA(!L86-E;65N= #H#H@$%@ ,`#`@` ```,`P`"@``,`P`-P`Y` `8`
M:P$!((`#` `X` ```#`,`!PH`#``,`#`<`*P`&`%T!`0F` `0`A` ````$.0X-30R0T1#
M,S(R1#`Q,3@P1#0P,#0P,#4R.4)#1#<`^@8!`Y &`)@)``2` ````"P`C` ````
M` ```#` "8` ````````L`*0` ````````P`V` ``````!` `#D` ( CE/%ZXNP$>` `` `0` ``
M`#`$` ``!213H@6T%04E-324<Z,SDU-ET@4F4Z($97.B!'4%,@86YT96YN82!P
M; &%C96UE;G0` ``````@%Q` $` ````6` ````;NX7CR[S4*%CB+`#$`=" U ! !2F\
MUP` ``@`>`# $` ````%` ```4TU44` ``````>`!\,`0` ``!$` ``!G=WEN0'!A8V-0
M;6TN8V]M` ```````,`!A`#%RZ>>`P` '$+H&` ``>``@0`0` ```&4` ``!/3E1(55)3
M1$%9+$%51U535#(R+`#$Y.38Q,#HP-T%-+)$!4D)!4D%&14A.15)33510.D9%
M2$Y%4D!#5%-#3TU74D]413I'5UE.+= (051!4D542$534$5#4T9/4E1(1512
M24U` ````````(!"1 !` ``````0@` `/T` ````3$@` `3%I&=2AM%[O_` `H!#P(5`J@%
MZP*`#`% "\@D` ``&-H`L!S970R-P8`!L,"@S(#Q0(`<`) "<1`B<W1E;0*`#`S<"
MY <3`H,T$LP/WV8UVQ+,%,@V` \84R#<1!18/K1"4. !+`$74P%+9)"H"+, \)
MV3L>GS(U-1^` \&4Q,C@`"@ J!#;,$+8&!N9S$P,Q10"P-L>&DS-@WP"U47<@P!
M8TD`0"!/`Z!4: AP<Q!D87DL%+!U9W41$ \ @,C(EX#`$Y.4(V)J P.C W%+!-
M%27@0@K 8@K 82!&"&5H;@206U--5 A0.F8H,T!C= '/"+@6@;5T@=P-@$]#Z
M.@J$/@M&%6(DPQ*P$U #*@$I4"! '=WEN+/L*A"0/,2JO*[@LORW/+M\<(%<1
M@ 5 "L!E('3R:#.0<W %D 0@`A %P.TSLE0%$ ;0;#`.0` ` 3T-QN;B@`,`[ S
M07D(8#/#@` \&5L;#`0[S#`_,@VOP<WSSC?)Y+=2S9)0H<Y[SK_/ \@12U-"W#` \
M;#HT0"C[/?` \_#T ?OI_[0Z]$0U](_TH/2Q],+TSI'T7/1M]' [Q2P!4 P.3I$
M,C,G42 X+R9P+\$FT2TP-3 P)> V(L\IZDY?3V\KJ3XM5L=3CW-4GU60/D8#
M84&0#((@+D0`< B0`R!6-G!E>BDHA&1V6)) "X!F:7(N*%!T75=06']9CSZ?
M!F ",%KE)6\F=S,Z(S"/)U%=?UZ/7Y\^5&]:Y<9A$U $$&EG0 &0$U!Z+@6P
M9V-_9(JEGV"@=0QB:BPA6N1;05!2$%-324=C$#DT.;DIP$=0!? U5@M18Q/@
M[V#!:$]I7VIO/FZ?;Z]POW@^2&$$( !P-B H4""":;BH!9'5"=;!E9S- .FE<
M@" -P2PA!"!W:+<#`$#.0!&!U`C +@&<S8+]M.RA0`L!QWW+O<_` \^~; %S)_ `
M&@UI`D!X(S5D/\ @($DG;2 F,'@B_3.R32H`!; +8"4A!:$U,G]V`"A0=?%_
M4`F/>I][KSY['J >,&,S0#`.2! `U1BY_A6 %H "!!(%^MB?0$; @_&]F,Z0`
```


MP#: =\!U(5 >F@&\&1X(8#?@>^"_SY!,[])52\$805HP`(+QD=0= AH& , 20
M+GXQ874Q(#0U5UNPC \$SOXVQB_\$SX&>0-: #("AU@M<"\$H`,V!W8< IB'^)
MC\6*GSX1@6UF=0,@?U#_,Z-M0RE0=K(U5@6Q'J!N,/UVL7(VKY\$/DA]QOY<?
MF"_U5I%)A_!A=L\$1L GP-E'?E>&,D6U)=U%]0&@SHQ-0^7E0;7"&@ AP*%!V
M`A@_P5 `U('\'(Q0H&,H')E0FG_UFX\^>4)B=D!\[X4R!=#?=B(\$99XGG,-=
M`&P3T!&@_Y.R*^:A7Z)0HW]\L': "X#3)D&\$HW!09W%B'Q!]0+YYC2!^4'8`
MGU%V`&UV0+LU5C/T8QXP-F%V0&(-P/_%XFME>7@BJ3^J3ZM?_XNCI0>-`85A
ML1^R+[, _F5__MH^WGVZ/N<^ZW[000/^#^[^_%R-_) (@*A7XP;4)!-67^4S0"
MM77&.F%1!Y U-W4Q07_R=D%A`: U(:!C4 #0C0A0;7YP-%(D-C5M\><F,#/#@
M=X!P<'@AC2#`8?^NL3.!70"U`78`GK,#D2B0_D*OH (@*% I4 6Q=W\$1</^'
MH79 G,.3P; PKZ 1@"+P_X"#R_(V\$@7 ;4*5EL8K6T#_-G"5TJ:1SD\$!D+"@
M?H"?D.N3P1'@=PG@:W4Q`8 \$D%N5402!(*T2;A)DT2Q#!8=R.%*@+30X-BWP
M-S,X.).RU&/1+-<[RRE+%, '\(!Q>0J%R87&/]L%P ?"30N !S!T""4%/??
M5J!C--9.G-!GD':1`B!+QIPTY"<\$(\$)%4=!0]P-@C'!W,D<#8-,A`'!UP/]W
M\&XPC6)],-QJ-58T4B8P5F4*A9ZW4U0 9=;@0_Y-4:#0I\=2=E\$'X.-7>5 ?
MW)&-8B#0C&#-\$Q.02]AX(=3"H4'D'HSD"@T.R= R=%XC9 =,.HC,3,>+E&@
MR= FD=: (&=M_2EP*6'@`,`".P!' S?!WQ_]AX(B* #*8 > J#*\$A8100S41
MRU*\$P=.,T SP'(KX;^&X356A,\$-L(ZBSW10- "_)"\$<9ZSS:*>P: B80J%
M_PG =^%V`M1=9& (@N K[#^=?#AI<T4@=P*^%<@'8`MFJ?</7Q;7?PK<-,
M! `_!4 34,WP,Y \$`J\$)#?_RF!W<)TQS _-&=\$L9K !D/\#(#/R!I#-\-[#
MCP`SL.%A_F?YTC5S8>#H@^ZC[43--^>/]0J%6J!E<0I0?!V0(Y2ST+\$X0&4
M,2PU^+!\$+C01X"LO+2:@+J(P49%-2'K&FT<+<2!EP3)49#H4&FF4\$E._8\
M(,I1ZE#*4<G1\Z!AX%?6L!TPD\\$(KUH!#_\Q.]F\<<#01F>0W*(\$R0+PIR;@
MZ%&F4\$%8CP`K49"_\$.8\$SP57ZQ\$+F C/3Z P^G"@,4F?@!ZP`/\$!AU*0#>!P
M:.00QIM64U=2_PU?#C,=, 01#XZ&THS"E8%:[+\TGXP`K+\$(-"Q.\$WW^A1
M!C\$,?QE`K(S%Z8B())_H0AA0'+\`LA'136@7X0\7D1N/'\7)2,0%Z4:P1[:
M_Q_(^!EP+0\$1!V'%=5)@]W>77`\,#%.,/SV4EAX%?P,4)%3-H:R7*PH/,`
M9P% B#`3T%-Y8D!N0',%[E-H^5!P.B\0=]4LP"[N8&-"86U"4MKT`GTN(``
M`,`\$! ``````P`1\$ ``````! ``<P(,V,-%ZXNP% ``@P(,V,-%ZXNP\$>`#T`
2`0````4````!213H@``````:*

end

From willy@mcn.net Sat Oct 12 13:07:22 1996

Received: from dns.mcn.net (root@dns.mcn.net [204.212.170.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA09621 for <aprssig@tapr.org>; Sat, 12 Oct 1996
13:07:20 -0500 (CDT)

Received: from rgpm01-045.MCN.NET (rgpm01-045.MCN.NET [205.163.45.45]) by
dns.mcn.net (8.6.9/8.6.9) with SMTP id MAA18979 for <aprssig@tapr.org>; Sat, 12
Oct 1996 12:07:03 -0600

Received: by rgpm01-045.MCN.NET with Microsoft Mail

id <01BBB835.33FFCC00@rgpm01-045.MCN.NET>; Sat, 12 Oct 1996 12:02:12 -0600

Message-ID: <01BBB835.33FFCC00@rgpm01-045.MCN.NET>

From: Peggie Buckles <willy@mcn.net>

To: "'APRS SIG'" <aprssig@tapr.org>

Subject: REMOTES ?

Date: Sat, 12 Oct 1996 12:00:57 -0600

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: quoted-printable

Hello fellow SIG'ers.

I need some info on a "remote beacon". =20

What I want to do is put out a few gps/tnc pairs in different vehicles. =
Then be able to track them from one "command center". =20

This is for the local, county search and rescue unit.

What I want to know is if I can have several of these "remote beacons" =
all under my callsign ?

I would suppose that I can just have a different secondary Identifier on =
the end of each callsign for the different "beacons" !??

ex. Beacon one - KI7NV-1=09

Beacon two - KI7NV-2

Beacon three - KI7NV-3

=20

ect.....

One more thing... I wonder if anyone has a fairly detailed map of =
south eastern Montana ?? Or knows where I can get one ? Particularly =
of Rosebud county.

Any help would be greatly appreciated...

Tnx, Willy, ki7nv

willy@mcn.net

ki7nv@ki7nv.#semt.mt.usa.na

From BordingK@aol.com Sat Oct 12 13:24:39 1996

Received: from emout03.mail.aol.com (emout03.mx.aol.com [198.81.11.94]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA10025 for <aprssig@tapr.org>; Sat, 12
Oct 1996 13:24:37 -0500 (CDT)

From: BordingK@aol.com

Received: by emout03.mail.aol.com (8.6.12/8.6.12) id OAA24443 for
aprssig@tapr.org; Sat, 12 Oct 1996 14:24:07 -0400

Date: Sat, 12 Oct 1996 14:24:07 -0400

Message-ID: <961012142406_208862798@emout03.mail.aol.com>

To: aprssig@tapr.org

Subject: Peet U-2000 / WINAPRS Setup

I', baffled, but that's not too infrequent!

Need help getting this blasted Peet U-2000 to talk to WINAPRS.

Peet U2000:

1. Their cable from U-2000 to COM2
2. Data Logging Mode as per a messge on the SIG
3. In Windows Terminal this is what flows by:
!!0037000602F2030727FC032C02E2----00FF037E000000064
!!0037000602F2030727FC032C02E2----00FF037E000000064
!!0037000602F2030727FC032C02E2----00FF037E000000064

WINAPRS:

1. Registered Copy
2. Ver 1.1.3
3. Settings: Auto Input, WX On,
4. Serial Port: COM 2, 2400 baud 8-1-None (just like in Windows Terminal)
5. Posit Rate Settings (Little confusing, since there are 3 HFs and 3 VHF's under Weather Report, but all are set at 15 min.
6. Weather/RDF Settings: Peet U-2000, .01 inch rain gauge.
7. Weather Port OPEN (Do you have to reset this each time WINAPRS is started, I can't seem to save that setting!

Click on Send Weather, Wx packet goes out with 000000's
Nothing shows in Weather List!

What Gives? Any help will be appreciated!

de KF4COH
Ken in Jax

From kc5ejk@onramp.net Sat Oct 12 14:51:50 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA13087 for <aprssig@tapr.org>; Sat, 12 Oct 1996 14:51:49 -0500 (CDT)
Received: from [199.1.11.104] (dal04.onramp.net [199.1.11.104]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id OAA28726 for <aprssig@tapr.org>; Sat, 12 Oct 1996 14:51:44 -0500 (CDT)
Message-Id: <v02140b00ae85b02cbf93@[199.1.11.112]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 12 Oct 1996 14:53:13 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:5550] REMOTES ?

>Hello fellow SIG'ers.

>

> I need some info on a "remote beacon".

>

>What I want to do is put out a few gps/tnc pairs in different vehicles.

>Then be able to track them from one "command center".

APRS calls these Remote GPS Trackers as they have no computer.
They can have a computer attached to run APRS software so the remotes can watch the action or send messages.

This is done all the time for special events.

Name them what you want ,callsign-0 to callsign-15 is a standard.

>From APRS DOCS SYMBOLS.txt APRS DISPLAY SYMBOLS

| SSID | SYMBOL | SSID | SYMBOL |
|------|-------------|------|---------------------------|
| -0 | Dot | -8 | Ships (power) |
| -1 | Ambulance | -9 | Cars |
| -2 | Bus | -10 | Space objects |
| -3 | Firetruck | -11 | Balloons |
| -4 | Bike | -12 | Jeep |
| -5 | Yacht(sail) | -13 | RV (recreational vehicle) |
| -6 | Helo | -14 | Truck |
| -7 | Aircraft | -15 | Van |

"Secondly, you may indicate the desired symbol character surrounded by braces {s} as the first 3 characters of the TNC BText. Once the BText has been received by a station, the mobile will then be displayed using the specified symbol. The advantage of this method is that more symbols are available than from the SSID convention. The disadvantage is that the symbol is not displayed until AFTER at least one BText is received."

Short example (See docs for more)

```
a - AMBULANCE
b - BIKE
c - DX spot by callsign
d - Dual Garage (Fire dept)
e - SLEET
f - FIRE TRUCK
g - GALE FLAGS
h - HOSPITAL
```

If you set the TNC to ID beacon your call each 10 min, then you can use what you want for the TNC MYcall sign label ie Fire, Air, Food

I would use a TNC like a KPC-3 so you can remote control the TNC over a radio. This makes you the control operator :-)

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From mead@usc.edu Sat Oct 12 15:19:23 1996
 Received: from skat.usc.edu (skat.usc.edu [128.125.253.131]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA14021 for <aprssig@tapr.org>; Sat, 12 Oct 1996 15:19:21 -0500 (CDT)
 Received: from sol.usc.edu (sol.usc.edu [128.125.253.141]) by skat.usc.edu (8.7.6/8.7.3/usc) with ESMTP id NAA05783 for <aprssig@tapr.org>; Sat, 12 Oct 1996 13:19:15 -0700 (PDT)
 Received: from homepc.usc.edu (comserv-e-58.usc.edu [128.125.222.202]) by sol.usc.edu (8.7.6/8.7.3/usc) with SMTP id NAA10665 for <aprssig@tapr.org>; Sat, 12 Oct 1996 13:19:12 -0700 (PDT)

Message-ID: <325FFDD2.53D6@usc.edu>
Date: Sat, 12 Oct 1996 13:21:38 -0700
From: Dick Mead <mead@usc.edu>
Reply-To: mead@usc.edu
Organization: University of Southern California
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Cheap HF rigs
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, It's not actually cheap, but I had not seen
any mention of the Ten-Tec Scout. Here's a URL to a review.

<http://www.acs.ncsu.edu/HamRadio/HF/qrp/reviews/ten-tec-scout.html>

It's about double the cost and not xtal, but what the hey....

Dick WB6NGC

From rboost@itexas.net Sat Oct 12 16:43:41 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA18224 for <aprssig@tapr.org>; Sat, 12
Oct 1996 16:43:39 -0500 (CDT)
Received: from rboost.itexas.net ([207.22.198.56]) by mailhost.itexas.net
(post.office MTA v2.0 0813 ID# 0-12497) with ESMTP id AAA61
for <aprssig@tapr.org>; Sat, 12 Oct 1996 16:45:36 -0500
From: rboost@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:5550] REMOTES ?
Date: Sat, 12 Oct 1996 16:42:32 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19961012214536275.AAA61@rboost.itexas.net>

Are you going to be driving all of these cars? If not I would be carefull
of letting non-hams use your equipment without you being there as the
control operator.

Roy Bost, N5TAM
Granbury, Tx.
rboost@itexas.net
32 25' 33"N 97 48' 59"W

From kirk@neptune.gsfc.nasa.gov Sat Oct 12 16:44:14 1996
Received: from wheelo.gsfc.nasa.gov (wheelo.gsfc.nasa.gov [128.183.50.20]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA18259 for <aprssig@tapr.org>; Sat, 12
Oct 1996 16:44:13 -0500 (CDT)

Received: from neptune.gsfc.nasa.gov by wheelo.gsfc.nasa.gov (5.65/Ultrix3.0-C)
id AA01159; Sat, 12 Oct 96 17:44:12 -0400

Received: from breezy.gsfc.nasa.gov by neptune.gsfc.nasa.gov via SMTP
(950911.SGI.8.6.12.PATCH825/920502.SGI)for <aprssig@tapr.org> id RAA03013; Sat, 12
Oct 1996 17:47:18 -0400

Message-Id: <2.2.32.19961012214446.006a1194@neptune.gsfc.nasa.gov>

X-Sender: kirk@neptune.gsfc.nasa.gov

X-Mailer: Windows Eudora Pro Version 2.2 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sat, 12 Oct 1996 17:44:46 -0400

To: aprssig@tapr.org

From: Robert Kirk <kirk@neptune.gsfc.nasa.gov>

Subject: Re: [APRSSIG:5550] REMOTES ?

At 01:28 PM 12-10-96 -0500, Peggie Buckles <willy@mcn.net> wrote:

>

>Hello fellow SIG'ers.

>

> I need some info on a "remote beacon".

>

>What I want to do is put out a few gps/tnc pairs in different vehicles.

Then be able to track them from one "command center".

>This is for the local, county search and rescue unit.

>What I want to know is if I can have several of these "remote beacons" all
under my callsign ?

I think Bob sells a non-amateur version of APRS for such uses;
that'll probably solve your problem.

Bob Kirk

N30ZB

From djv@gte.net Sat Oct 12 17:33:39 1996

Received: from mail.gte.net (mail.gte.net [206.124.64.251]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id RAA19870 for <aprssig@tapr.org>; Sat, 12 Oct 1996
17:33:38 -0500 (CDT)

Received: from mail1.gte.net (mail1.gte.net [206.124.65.236]) by mail.gte.net
(950413.SGI.8.6.12/950213.SGI.AUTOCF) via ESMTP id RAA05049 for
<aprssig@tapr.org>; Sat, 12 Oct 1996 17:33:35 -0500

Received: from dvelez.infi.net by mail1.gte.net (SMI-8.6/SMI-SVR4)
id RAA08146; Sat, 12 Oct 1996 17:33:16 -0500

Message-ID: <32601BCE.3CE9@gte.net>

Date: Sat, 12 Oct 1996 18:29:34 -0400

From: Daniel Velez <djv@gte.net>

Reply-To: djv@gte.net

X-Mailer: Mozilla 3.0 (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5550] REMOTES ?

References: <01BBB835.33FFCC00@rgpm01-045.MCN.NET>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Peggie Buckles wrote:

>
> Hello fellow SIG'ers.
>
> I need some info on a "remote beacon".
>
> What I want to do is put out a few gps/tnc pairs in different vehicles. Then be
able to track them from one "command center".
> This is for the local, county search and rescue unit.
> What I want to know is if I can have several of these "remote beacons" all under
my callsign ?
> I would suppose that I can just have a different secondary Identifier on the end
of each callsign for the different "beacons" !??
>
> ex. Beacon one - KI7NV-1
> Beacon two - KI7NV-2
> Beacon three - KI7NV-3

Sure! You could set MYCALL to AMB1, AMB2, TRK1, TRK2, etc. THEN make
BTEXT {x} KI7NV Tracker Ambulance 1
BTEXT {x} KI7NV Tracker Ambulance 2
and so on....where x is the symbol designator from symbols.txt (for
example "j" for Jeep). As long as you set the beacon to not more than
10 minutes, you will have met the identification requirements and
uniquely identified each.

--

Dan

|||||
Daniel Velez djv@gte.net
http://home1.gte.net/djv/index.htm
n4wzr@wd4miz.va.usa.noam
|||||

From glittle@awod.com Sat Oct 12 19:15:42 1996
Received: from sumter.awod.com (awod.com [198.81.225.1]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA22258 for <aprssig@tapr.org>; Sat, 12 Oct 1996
19:15:40 -0500 (CDT)
Received: from chs0025.awod.com (chs0025.awod.com [198.81.225.134]) by
sumter.awod.com (8.7.6/8.6.12) with SMTP id UAA09587 for <aprssig@tapr.org>; Sat,
12 Oct 1996 20:15:36 -0400 (EDT)
Message-Id: <199610130015.UAA09587@sumter.awod.com>
X-Sender: glittle@awod.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 12 Oct 1996 20:26:04 -0400
To: aprssig@tapr.org
From: Glenn Little <glittle@awod.com>
Subject: Re: [APRSSIG:5539] Coax

At 01:57 PM 10/11/96 -0500, you wrote:

>Anyone have a relatively inexpensive source for RG-174 coax, connectors, and
>connector tools?

>

>Doug

>KC7CO

>

>

>

Doug

How much RG-174 do you need??

What lengths?

I see this at hamfests often but in short lengths.

73

Glenn Little

WB4UIV

WB4UIV@amsat.org

glittle@awod.com

From snabkey@wingsbbs.com Sat Oct 12 19:16:19 1996

Received: from wingsbbs.com ([206.250.28.2]) by tapr.org (8.7.5/8.7.3/1.9) with
SMTP id TAA22276 for <aprssig@tapr.org>; Sat, 12 Oct 1996 19:16:17 -0500 (CDT)

Message-Id: <199610130016.TAA22276@tapr.org>

Received: from inertia.net by wingsbbs.com

with SMTP (IPAD 1.12) id 1453400 ; Sat, 12 Oct 96 20:25:31 UTC

Comments: Authenticated sender is <snabkey@wingsbbs.com>

From: "Sam Nabkey, WJ8T" <snabkey@wingsbbs.com>

To: aprssig@tapr.org

Date: Sat, 12 Oct 1996 20:14:10 -0400

Subject: Re: [APRSSIG:5554] Re: REMOTES ?

Priority: normal

X-mailer: Pegasus Mail for Windows (v2.23)

On 12 Oct 96 at 16:49, Roy Bost wrote:

> Are you going to be driving all of these cars? If not I would be
> carefull of letting non-hams use your equipment without you being
> there as the control operator.

>

> Roy Bost, N5TAM

> Granbury, Tx.

> rboost@itexas.net

> 32 25' 33"N 97 48' 59"W

>

This Station is under automatic Control.. I don't sit at my Digi
Sites all day and watch or "drive" them at all.

Nothing wrong with what he is up to. Nobody will be "using" his equipment. It is Telemetry and perfectly legal.

Sam.

From hwm@netcom.com Sat Oct 12 20:10:26 1996
Received: from mm.wd6dod.ampr.org (hwm@netcom3.netcom.com [192.100.81.103]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA23889 for <aprssig@tapr.org>; Sat, 12 Oct 1996 20:10:16 -0500 (CDT)
Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id SAA00175 for <aprssig@tapr.org>; Sat, 12 Oct 1996 18:12:31 -0700
Date: Sat, 12 Oct 1996 18:12:31 -0700 (PDT)
From: Bob Lorenzini <hwm@netcom.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5558] Re: REMOTES ?
In-Reply-To: <199610130016.TAA22276@tapr.org>
Message-ID: <Pine.LNX.3.95.961012180824.172A-1000000@mm.wd6dod.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There is nothing illegal unless the vehicle operator has control of the xmitter or he is using it for a commercial purpose. That includes municipalities.

Bob - wd6dod

From kd4emi@juno.com Sat Oct 12 22:41:36 1996
Received: from m1.boston.juno.com (m1.boston.juno.com [205.231.100.199]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA28328; Sat, 12 Oct 1996 22:41:34 -0500 (CDT)
Received: (from kd4emi@juno.com) by m1.boston.juno.com (queuemail) id XAB27959; Sat, 12 Oct 1996 23:41:29 EDT
To: aprssig@tapr.org
Cc: APRSFL@tapr.org
Subject: MAIL
Message-ID: <19961012.234314.2151.1.KD4EMI@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0
From: kd4emi@juno.com (Michael A. Kantor)
Date: Sat, 12 Oct 1996 23:41:29 EDT

SUBSCRIBE

From kd4emi@juno.com Sat Oct 12 23:52:32 1996
Received: from m1.boston.juno.com (m1.boston.juno.com [205.231.100.199]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA01400; Sat, 12 Oct 1996 23:52:28 -0500 (CDT)
Received: (from kd4emi@juno.com) by m1.boston.juno.com (queuemail)

id AAA00569; Sun, 13 Oct 1996 00:52:23 EDT
To: aprssig@tapr.org
Cc: APRS-fl@tapr.org
Subject: MAIL and info
Message-ID: <19961013.005419.5375.0.KD4EMI@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-1,3-4,7-9,14-16,21-23,25-33
From: kd4emi@juno.com (Michael A. Kantor)
Date: Sun, 13 Oct 1996 00:52:23 EDT

I would like to let everyone know that I am alive.

Unfortunately several events recently happened. My car was stolen, and then I got very ill.

Some of you know I have been battling a lung disorder for several years, that has caused me to be in and out of hospital in the last week or so.
Several points I need to make

#1 Shirts: first load of shirts were mailed this week. You should be getting them within a few days. There are more shirts on order and I'll get those this friday and mail them saturday. This will complete the pending shirt orders. If you don't get your shirt this week you get it next week when I pick up your size at the store. (I ran out of mediums and large)

#2 GPS products etc:

ALL GPS/Radio stuff that I sold (to pay for getting my car back and since no insurance, to pay for my medical expenses) was shipped today. I was under the impression that my mom sent the stuff out, but she did not, which I found out today. You should recieve all items this week, as I personally took it to the pack and ship and its going out UPS.

I am sorry that I dropped out like that, but as some of you know, my illness required me to be in the hospital and I will be getting my lung tests this week, I would appreciate your prayers.

Should you have any questions, please EMAIL me at my new address
KD4EMI@Juno.COM

I would like to thank you for your understanding and am sorry if my dropping out caused any anxious moments.

Mike KD4EMI

From cjcavanagh@msn.com Sun Oct 13 10:28:31 1996
Received: from upsmot03.msn.com (upsmot03.msn.com [204.95.110.85]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA20319 for <aprssig@tapr.org>; Sun, 13 Oct 1996 10:28:28 -0500 (CDT)
Received: from upmajb04.msn.com ([204.95.110.81]) by upsmot03.msn.com (8.6.8.1/Configuration 4) with SMTP id IAA22434 for <aprssig@tapr.org>; Sun, 13 Oct 1996 08:23:17 -0700
Date: Sun, 13 Oct 96 15:31:14 UT

From: "Carolyn Cavanagh" <cjcavanagh@msn.com>
Message-Id: <UPMAIL02.199610131528510259@msn.com>
To: aprssig@tapr.org
Subject: RE: [APRSSIG:5560] MAIL

For Michael A. Kantor
the subscribe message has to be sent to
listproc@tapr.org
An easy way to do this and to UNSUBSCRIBE is to
go to Bill Nolle's web page. He has made it easy for us all (tnx Bill) with
links to tapr.
<http://www.concentric.net/~wa8inz>

From wa8inz@concentric.net Sun Oct 13 11:34:50 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA21981 for <aprssig@tapr.org>; Sun, 13
Oct 1996 11:34:48 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/10/10 1.8))
id MAA22316; Sun, 13 Oct 1996 12:34:47 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61044d00101a.concentric.net [206.173.236.94])
by cliff.cris.com (8.8.0)
id MAA24336; Sun, 13 Oct 1996 12:34:45 -0400 (EDT)
Message-ID: <3261363F.2E63@concentric.net>
Date: Sun, 13 Oct 1996 11:34:39 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5562] RE: MAIL
References: <UPMAIL02.199610131528510259@msn.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Carolyn Cavanagh wrote:

>
> For Michael A. Kantor
> the subscribe message has to be sent to
> listproc@tapr.org
> An easy way to do this and to UNSUBSCRIBE is to
> go to Bill Nolle's web page. He has made it easy for us all (tnx Bill) with
> links to tapr.
> <http://www.concentric.net/~wa8inz>

Thanks Carolyn, i keep posting this oever and over but people don't seam
to want to do it the easy way Hi. I have even made it better now by
highlighting that URL in all upper case and in WHITE to make it easy to
find. It's located on page one with the following address so you can
bypass all the other pages.

<http://www.concentric.net/~wa8inz/PAGE1.HTM>

--

\\///
(0 0)

--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From james-m@ix19.ix.netcom.com Sun Oct 13 12:08:44 1996
Received: from dfw-ix6.ix.netcom.com (dfw-ix6.ix.netcom.com [206.214.98.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA23083 for <aprssig@tapr.org>; Sun, 13 Oct 1996 12:08:42 -0500 (CDT)
From: james-m@ix19.ix.netcom.com
Received: from acerp (sav-ga2-11.ix.netcom.com [205.184.8.75]) by dfw-ix6.ix.netcom.com (8.6.13/8.6.12) with SMTP id KAA28041 for <aprssig@tapr.org>; Sun, 13 Oct 1996 10:08:09 -0700
Message-Id: <199610131708.KAA28041@dfw-ix6.ix.netcom.com>
Comments: Authenticated sender is <james-m@popd.ix.netcom.com>
To: aprssig@tapr.org
Date: Sun, 13 Oct 1996 13:08:11 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: Quoted-printable
Subject: opening to Savannah Ga this morning
Priority: normal
X-mailer: Pegasus Mail for Win32 (v2.42a)

Had a nice opening to Savannah this morning..

AE4BR 250650 9250650/!3208.49N/08109.69W#PHG5380/WIDE-RELAY Digi-WxSta
WA4SSP-3 130516 h251302/AVRS 7.+s on =ACi
N4WYK 130544 @110828/Rick in Hickory, NC
KB4CNI-3 130515 !389.90N/07918.8-W#Pwr5850/WIDE-RELAY digi on Elliot\$ Kno=
b d440
N4WYK-9 130526 !3534.04N/0815.29W#Pwr7730/WIDE-RELAU ... Anderson Mtn ..=
..
WA4SSP-12 130520 ^S@@=E1_@012027/-IRS 7-6 on line.
N4VDE-3 130521 PHG5760/Wide-Relay Digi Caesars Head MTN.,SC
WA4SSP-2 130521 WIDE AND REMOTE U-II WX SUG. MTN, NC.
WB4PAN 130525 @130516/...Axton, Virginia
KP3S 130548 13094gz1872.18Z/066P8.20W_358/00Y-T072/RP00/P000/B008_I00=
07Y2a
WB4xAN 130542 @010003/wb4pan@juno.{om
KE4HTM 130544 @130938/PHG5040/Jamie (Lenoir, NC)
KD4EBR-3 130548 !3445.61n/08239.56o#PHG8590/WIDE-RELAY DIGI IN LIBERTY, S=
C
KE4DGH 130553 @133553/T041/R000h000g000UIImuto)

WA4SSP 130554 @13055-/John in Denver, NC.
 N4YCI 130557 @121213/Hi to JavAPRS
 WA4SSP-3 130544 @130548/3606.35N/08153.87W-John at the cabin. Sug. Mtn. N=C.
 N4WYK 130614 @170927/3545.56N/08118.48W&Rick in Kickory=AC!NC
 N4WYK-9 130516 !*****/3504.04N/08105.29W#FVwr7730/WIDE-RELAY .. Anderson=Mtnp.
 KB4CNI-3 130551 !*****/3809.90N/07918.87W#Pwr5850/WIDE-RELAY digi on Ell=iott K
 N4VDE-3 130557 !*****/350=F6.76N/08236.29W#PHG5760/Wide-Rel=E1x Digi Ca=esars Head
 WA4SSP-2 130524 @130524/3606.50N/08153.50W_343/003/T043c867x004b0269h29U2=kr,
 NC
 WB4PAN 130556 @130547/3639.28N/07940.44W#...Axton, Virginia=3D
 KP3S 130554 @130953z1822"18N/06608.20W_358/000/T072/R000/P000/B008/H0=00/Ua
 KE4HTM 130544 @130938/3556.19N/08128.28W-PHG5040/Jamie (Lenoir, NC)
 KE4DGH 130553 @133553/3446.0NN/08235.45W_045/000/T041/R000h000g000UIImu=to)
 WA4SSP 130614 @130615/3528.92N/08059.15W-John on Devver, NC.
 N4YCI 130557 @130044/3358.09N/08320.41W-Hi to javAPRS viewers

Later
 Don

From n8chb@tir.com Sun Oct 13 13:29:24 1996
 Received: from tir.com (sun.tir.com [205.138.41.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA25416 for <aprssig@tapr.org>; Sun, 13 Oct 1996 13:29:22 -0500 (CDT)
 Received: from n8chb.tir.com (an30liv.tir.com [205.218.84.32]) by tir.com (8.7.5/8.7) with SMTP id OAA04922; Sun, 13 Oct 1996 14:23:06 -0400 (EDT)
 Message-ID: <326045DF.4AAB@tir.com>
 Date: Sat, 12 Oct 1996 18:29:03 -0700
 From: Roger Breckon <n8chb@tir.com>
 Reply-To: n8chb@tir.com
 X-Mailer: Mozilla 3.0b8Gold (Win95; I)
 MIME-Version: 1.0
 To: dpage@cvp.ti.com
 CC: aprssig@tapr.org
 Subject: How I unsubscribed
 Content-Type: text/plain; charset=us-ascii; name="Unsubsci.txt"
 Content-Transfer-Encoding: 7bit
 Content-Disposition: inline; filename="Unsubsci.txt"

~WPC"@FK+
 ä{ÄN°#€kCä...Wò...ΣáDèAfl"_flgDròBè÷Âó`l*
 (
 \Äx|ëSø1ÍØPÛ1úç°ñUí
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+gNv#i0fi0p^pTá]¿/DY|6'

From X400Postmaster@resonet.com Sun Oct 13 14:08:31 1996
Received: from gw.resonet.com ([199.243.226.10]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id OAA26581 for <aprssig@tapr.org>; Sun, 13 Oct 1996 14:08:28 -0500
(CDT)
Received: by gw.resonet.com (5.65v3.2/DEC-Ultrix/4.3)
id AA15383; Sun, 13 Oct 1996 15:14:26 -0400
X400-Received: by mta MTA-1 in /ADMD=TELECOM.CANADA/C=CA/;
Relayed; 13 Oct 1996 19:14:26 +0000
X400-Received: by /ADMD=TELECOM.CANADA/C=CA/;
Relayed; 13 Oct 1996 19:08:00 +0000
From: "X.400_Mail_Gateway" <X400Postmaster@resonet.com>
To: aprssig@tapr.org
Subject: Delivery-Report (failure) for
/DD.ID=john.langtry/0=RESONET/ADMD=TELECOM.CANADA/C=CA/@resonet.com
Message-Type: Delivery Report
X400-Mts-Identifier: [/ADMD=TELECOM.CANADA/C=CA/XNGA-6508-2900]
Date: 13 Oct 1996 19:08:00 +0000
Message-Id: </ADMD=TELECOM.CANADA/C=CA/XNGA-6508-2900@resonet.com>
X400-Content-Identifier: (91)APRSSIG:5...
Mime-Version: 1.0
Content-Type: multipart/report; report-type=delivery-status;
boundary="Sun Oct 13 15:14:26 1996 L1 41"

--Sun Oct 13 15:14:26 1996 L1 41

This report relates to your message: (91)APRSSIG:5...

Your message was not delivered to:
/DD.ID=john.langtry/0=RESONET/ADMD=TELECOM.CANADA/C=CA/@resonet.com
for the following reason:
Transfer could not be initiated
An invalid message parameter was encountered

The Original Message is not available

--Sun Oct 13 15:14:26 1996 L1 41
content-type: message-delivery-status

Reporting-MTA: x400; mta MTA-1 in /PRMD=(null)/ADMD=TELECOM.CANADA/C=CA
Arrival-Date: 13 Oct 1996 19:08:00 +0000
DSN-Gateway: dns; resonet.com
X400-Conversion-Date: 13 Oct 1996 15:14:26 -0400
Original-Envelope-Id:
[/PRMD=RESONET/ADMD=telecom.canada/C=ca/<326045DF.4AAB@tir.com>]
X400-Content-Identifier: (91)APRSSIG:5...
X400-Content-Type: P2-1984 (2)

Original-Recipient: rfc822; /DD.ID=john.langtry/0=RESONET/ADMD=TELECOM.CANADA/
C=CA/@resonet.com

Final-Recipient: x400; /DD.ID=john.langtry/0=RESONET/ADMD=TELECOM.CANADA/C=CA/
Action: failure
Status: 5.5.2
Diagnostic-Code: x400; 1 (Unable-To-Transfer) / 11 (Invalid-Parameters)
X400-Last-Trace: 13 Oct 1996 19:08:00 +0000
X400-Originally-Specified-Recipient-Number: 1

--Sun Oct 13 15:14:26 1996 L1 41--

From 72155.1222@CompuServe.COM Sun Oct 13 14:56:10 1996
Received: from hil-img-5.compuserve.com (hil-img-5.compuserve.com
[149.174.177.135]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA27751 for
<aprssig@tapr.org>; Sun, 13 Oct 1996 14:56:09 -0500 (CDT)
Received: by hil-img-5.compuserve.com (8.6.10/5.950515)
id PAA28442; Sun, 13 Oct 1996 15:55:37 -0400
Date: 13 Oct 96 15:54:59 EDT
From: Richard Ball <72155.1222@CompuServe.COM>
To: aprssig <aprssig@tapr.org>
Subject: KPC-3 settings
Message-ID: <961013195458_72155.1222_EHB151-1@CompuServe.COM>

I could use some help. I am running my APRS system in my car. Garmin45, KPC-3 V6, DR1200 radio, laptop. The last couple of times out in the car the system sent fine but I never saw on my screen any of the stations that heard and sent back to me. This includes my home station when I was at the end of the block. The car system did hear at one time, I don't know what I changed in the TNC.

Would someone tell me what, and to what, settings they change in the KPC-3 from the defaults that come in it?

Thanks. 73 Richard N7Rig

From cbuttsch@slonet.org Sun Oct 13 16:07:06 1996
Received: from spork.callamer.com (cbuttsch@spork.callamer.com [199.74.141.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTMP id QAA29775 for <aprssig@tapr.org>; Sun, 13 Oct 1996 16:07:03 -0500 (CDT)
Received: from localhost (cbuttsch@localhost) by spork.callamer.com (8.7.6/8.7.3) with SMTP id OAA21859 for <aprssig@tapr.org>; Sun, 13 Oct 1996 14:03:19 -0700 (PDT)
Date: Sun, 13 Oct 1996 14:03:19 -0700 (PDT)
From: Clifford Buttschardt <cbuttsch@slonet.org>
X-Sender: cbuttsch@spork.callamer.com
To: aprssig@tapr.org
Subject: Re: homemade patch antenna sucess
In-Reply-To: </ADMD=TELECOM.CANADA/C=CA/;XNGA-6508-2900@resonet.com>
Message-ID: <Pine.GSO.3.95.961013133230.14264J-100000@spork.callamer.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

An most satisfactory GPS active antenna can be built for less than five bucks and about two hours effort. The patch antenna in the October 1995 issue of QST works very well. It works much better when a MINI-CIRCUITS

MAR-6 preamp is included as part of that antenna.

Two models of the patch antenna were built using flashing copper sheet usually used by roofers. This fifteen thousands thick material bends and cuts most easily but is difficult to solder. None the less fashion per the QST instructions making only as large a hole as necessary for the former coax tap connection on the upper plate and an insulated passthrough hole in the ground plane. The first model included the MAR-6 MMIC between the plates while the second soldered the chip below the ground plane. No difference was noted, however the second was far easier to construct. An ordinary 100 ohm carbon composition resistor with a 470 pf ultra miniature cap across was placed between the output pin of the MAR-6 and the coax center conductor to the Garmin 20. Possibly the use of better components would help, but the IC produces some 15 db gain at 1575 MHz, so some mismatch can be tolerated.

The copper plate requires a large soldering iron (that's why author W1GE used aluminum and conductive tape!). Pretin two solder spots where the MAR-6 grounded pins are to go and simply be satisfied with a cold solder joint when assembling rather than trying to be "elegant" about it!

Remember to insulate the patch as about 1.5 VDC appears there. Also insulate the center coax from the Garmin 20 as well as 5 VDC appears too. A simple upside downplastic salad bowl completes the design.

Cliff Buttschardt K7RR ex W6HDO

From wd4cq@juno.com Sun Oct 13 16:30:39 1996

Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA00388 for <aprssig@tapr.org>; Sun, 13 Oct 1996 16:30:37 -0500 (CDT)

Received: (from wd4cq@juno.com) by x11.boston.juno.com (queuemail) id RAA10839; Sun, 13 Oct 1996 17:29:58 EDT

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5560] MAIL

Message-ID: <19961015.032513.4647.0.WD4CQE@juno.com>

References: <19961012.234314.2151.1.KD4EMI@juno.com>

X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 1-2

From: wd4cq@juno.com (Kenneth I Mathews)

Date: Sun, 13 Oct 1996 17:29:58 EDT

Hello, Name here is Ken. You need to send command to subscribe as follows to tapr.org
subscribe aprssig (your E-mail)

From jleonard@tbcnet.com Sun Oct 13 16:43:15 1996

Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA00886 for <aprssig@tapr.org>; Sun, 13 Oct 1996 16:43:14 -0500 (CDT)

Received: from PR147.tbcnet.com (PR147.tbcnet.com [207.112.227.47]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id QAA32308 for <aprssig@tapr.org>; Sun, 13 Oct 1996 16:43:25 -0500

X-Authentication-Warning: tbc1.tbcnet.com: Host PR147.tbcnet.com [207.112.227.47] didn't use HELO protocol

Message-Id: <1.5.4.32.19961013214224.0069ea74@tbcnet.com>

X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 13 Oct 1996 16:42:24 -0500
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:5567] KPC-3 settings

At 15:12 10/13/96 -0500, you wrote:

> Would someone tell me what, and to what, settings they change in the KPC-3
> from the defaults that come in it?

>

> Thanks. 73 Richard N7Rig

>

>

interface=newuser (default)
change to

interface=terminal

jbl

J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>
American Red Cross Disaster Services - DeKalb Co Chapter

From sdimse@bridge.net Sun Oct 13 17:06:43 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id RAA01770 for <aprssig@tapr.org>; Sun, 13 Oct 1996
17:06:41 -0500 (CDT)
Received: from (ppp-mia5-175.bridge.net [207.16.5.175]) by bridge.net
(8.7.5/8.7.3) with SMTP id SAA25042 for <aprssig@tapr.org>; Sun, 13 Oct 1996
18:02:34 -0400 (EDT)
Message-Id: <199610132202.SAA25042@bridge.net>
Subject: javAPRS update
Date: Sun, 13 Oct 96 18:06:36 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

For all javAPRS users:

Version 0.8b1 is up on the TAPR site. If you are using javAPRS on a web
page, please upgrade to this version. 0.7b4 was not correctly displaying
stand-alone trackers (fix one bug, add another!)

I am back to work after my trip (working 17 of 19 nights, 12 hr shifts)
and short on time. I don't plan to do much work on javAPRS for a while, I

will be spending what programming time I have on APRServe.

Due to multiple requests like "when did you see me on your trip" etc, and my lack of time to cull the answers from the log file, I will make my log available on the TAPR FTP server once I get a chance to pull it all together. There will be two files, one of the raw data and one thinned with a program that should remove most of the dups as well as the non-posit report stuff like beacons and messages (the raw file is abt 2.3 MBs, with 470 stations heard).

73 de Steve

From wa4ikq@nevets.oau.org Sun Oct 13 20:43:55 1996
Received: from osceola.cs.ucf.edu (osceola.cs.ucf.edu [132.170.108.35]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA08563; Sun, 13 Oct 1996 20:43:51 -0500 (CDT)
Received: from alfred.UUCP by osceola.cs.ucf.edu (4.1/1.34)
id AA29030; Sun, 13 Oct 96 21:43:48 EDT
Received: by alfred.oau.org (Smail-3.2 1996-Jul-4 #1)
id <m0vCbrrb-0002aoC@alfred.oau.org>; Sun, 13 Oct 1996 21:30:39 -0400 (EDT)
Received: by nevets.oau.org (Smail3.1.29.1 #2)
id m0vCbkn-000QdmC; Sun, 13 Oct 96 21:23 EDT
Message-Id: <m0vCbkn-000QdmC@nevets.oau.org>
Date: Sun, 13 Oct 96 21:23 EDT
From: wa4ikq@nevets.oau.org (Geoffrey Dick)
To: aprs-fl@tapr.org
Subject: WEATHER STATION SIGNAL REPORT
Cc: aprssig@tapr.org

Listed below are weather stations received and recorded on my H-screen as viewed from Winter Park, Florida, 6 miles north of Orlando

On Sunday, 10/12/96:

| HR ESDT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| KE4LOJ | 41 | 29 | 40 | 42 | 41 | 36 | 39 | 5 | 17 | 17 | 11 | 12 | 18 | 13 | 16 | 15 | 17 | 20 | 26 | 27 | 20 | 22 | 23 | 37 |
| KD4MRL | 11 | 11 | 11 | 8 | 9 | 7 | 15 | 13 | 11 | 11 | 24 | 22 | 9 | 8 | 7 | 9 | 7 | 11 | 25 | 3 | 1 | 0 | 1 | 8 |
| KD4TWB | 64 | 64 | 53 | 53 | 45 | 33 | 49 | 47 | 46 | 33 | 79 | 49 | 8 | 12 | 26 | 36 | 99 | 58 | 96 | 49 | 50 | 52 | 48 | 31 |
| KT4LL-12 | 6 | 9 | 7 | 4 | 6 | 9 | 5 | 4 | 6 | 1 | 0 | 0 | 0 | 2 | 2 | 3 | 2 | 1 | 0 | 0 | 1 | 3 | 3 | 4 |
| KT4LL-13 | 6 | 6 | 7 | 3 | 0 | 1 | 0 | 1 | 3 | 0 | 2 | 2 | 1 | 2 | 5 | 0 | 2 | 3 | 2 | 1 | 5 | 6 | 13 | 8 |
| KT4LL-14 | 28 | 29 | 28 | 32 | 32 | 34 | 28 | 34 | 8 | 3 | 6 | 13 | 10 | 17 | 15 | 16 | 12 | 13 | 13 | 16 | 17 | 34 | 27 | 30 |
| KT4LL-15 | 8 | 8 | 6 | 7 | 6 | 6 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4 | 7 | 6 | 3 |
| KD4UYR | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KR4US | 11 | 12 | 6 | 5 | 14 | 12 | 12 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 9 |
| KP3S | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 12 | 25 | 33 | 0 | 0 | 0 | 0 | 0 |
| K9PAJ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 3 | 1 | 4 | 0 | 0 | 0 | 0 |
| VE3VRW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| VE3EYR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| KF0ZH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 6 | 6 | 0 | 0 | 0 | 0 | 0 |
| NOAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 5 | 0 | 0 | 0 | 0 |

On Sunday, 10/13/96, two more weather stations were received in Winter Park, FL

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|
| VE3JOR | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | | | | |
| N60AA-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | | | | |

Those individuals operating weather stations may find this information useful for illustration of propagation into other areas.

Geoffrey Dick, WA4IKQ
Winter Park, Florida
wa4ikq@nevets.oau.org

From wa8inz@concentric.net Sun Oct 13 22:39:00 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA12185 for <aprssig@tapr.org>; Sun, 13 Oct 1996 22:38:58 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/10/10 1.8))
id XAA05026; Sun, 13 Oct 1996 23:38:57 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61047d00121a.concentric.net [206.173.236.168])
by cliff.cris.com (8.8.0)
id XAA22334; Sun, 13 Oct 1996 23:38:55 -0400 (EDT)
Message-ID: <3261D1E9.295E@concentric.net>
Date: Sun, 13 Oct 1996 22:38:49 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: DigiPath
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In Version 77c the digi path command was changed (Why i don't know) but i noticed many many users are having problems finding the new command including myself, I think some one gave a multi key command for this but it got lost. I have seen some go back to an older version because of it. I noticed ALT-B doesn't do anything now so why was it changed?. Sure would be great to be able to get an updated list off all APRS commands.

--

\\///
(0 0)
--o0-(_-)-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From 73227.2644@CompuServe.COM Sun Oct 13 22:40:29 1996
Received: from arl-img-6.compuserve.com (arl-img-6.compuserve.com [149.174.217.136]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA12246 for <aprssig@tapr.org>; Sun, 13 Oct 1996 22:40:23 -0500 (CDT)
Received: by arl-img-6.compuserve.com (8.6.10/5.950515)
id XAA29890; Sun, 13 Oct 1996 23:39:50 -0400

Date: 13 Oct 96 23:37:46 EDT
From: Donald Rotolo <73227.2644@CompuServe.COM>
To: APRS SIG <aprssig@tapr.org>
Subject: Newbie GPS Question - Antenna
Message-ID: <961014033745_73227.2644_EHM28-1@CompuServe.COM>

OK, I've gone and put the GPS-20 kit together, managed to get some data out of it, but still haven't got a fix yet. The problem is the antenna.

Bob Bruninga's comments included with the kit say "To see it work, stick a tiny 1.8 inch piece of wire into the antenna jack, take it outside - you should have no problem getting a fix..."

Well, I went one better (I thought) and built a little ground plane - a 1.8" piece of wire (the center of the RG-174 coax) sticking out of a ground plane (a 3.6" diameter disk of PC Board material). Took it outside, nothing. Well, it kept finding one satellite (the \$GPGSV sentence said), but not much else. So, I took it to a better spot (lots of tall trees where I live), and it began listing 8 satellites - the az/el data was there, but no C/N ratio - obviously, it wasn't tracking. My conclusion was that there wasn't enough signal.

So, I stopped at my local boat store, and saw the nifty little antennas that come with the Garmin units, but they didn't sell them (are they available?). All they had was another Garmin antenna, for roof mounting (on a boat), but it cost \$129 - more than I care to spend, or can afford.

So, I looked around and found a description of a quadrifilar antenna in the ARRL Antenna Book - and built one. Or, what I think is one, since the construction details in the Antenna Book are quite vague. Unfortunately, I don't have easy access to any of the articles cited in the references to look up the details. I had to put a tiny chip cap in series with the center conductor, to avoid shorting out the antenna supply. Anyway, it didn't do any better - just the 8 satellites in view, no C/N, no fix.

Then I built a crossed dipole (the tiniest one I ever built), with a nice ground plane, just like the one in the antenna book. Again, no fix.

The satellite az/el info keeps changing, so I figured something must be getting through. As an experiment, I put a dummy load onto the antenna jack - did the same thing. Now I wonder if it is really seeing those satellites, or just guessing due to some info it got briefly sometime in the past.

Now I'm at a loss.

Question: Can I get an antenna for this thing for less than \$40? Where? I live in the NY City area, so if it exists, I should be able to get it.

Question: How about building one? Someone mentioned that QST or 73 had an article on this in the past year, but I throw out the magazines when I'm done (or I'd be buried in paper), and couldn't find it. Any suggestions for an antenna? (I'd rather buy one, but building isn't a problem if \$129 is what a commercial one costs).

Another question: I've tried to send data to the GPS 20, to tell it to stop sending some of the sentences I don't care about, but it doesn't seem to get the message. I noticed that everything has a checksum (?) at the end of the sentence, preceded by an asterisk (*) - since I didn't see how that is calculated, I didn't include it. I am supposing now that it is required, so how DO I calculate it?

And, the final question: Does WinAPRS care which sentences are sent to it by the GPS, or does it ignore what it doesn't need or use? In other words, should I just forget about turning off some of the data stream, and let APRS deal with it?

I'm really anxious to see this thing work, and find out just where I really am.

73,
Don Rotolo N2IRZ

From N2ZRC@gnn.com Sun Oct 13 22:58:11 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA12656 for <aprssig@tapr.org>; Sun, 13 Oct 1996 22:58:10 -0500 (CDT)
Received: from 55-177.client.gnn.com. (55-177.client.gnn.com [205.188.55.177]) by mail-e2b.gnn.com (8.7.1/8.6.9) with SMTP id XAA10995 for <aprssig@tapr.org>; Sun, 13 Oct 1996 23:57:36 -0400 (EDT)
Message-Id: <199610140357.XAA10995@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 13 Oct 1996 23:57:25
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5565] How I unsubscribed

On Sun, 13 Oct Roger Breckon described:

>... How I unsubscribed
>
>~WPC"@FK+[
>ä

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>

Oh. Sounds easy! ;-)

Arte Booten <N2ZRC@gnn.com>

(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)

From X400Postmaster@resonet.com Sun Oct 13 23:59:50 1996

Received: from gw.resonet.com ([199.243.226.10]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id XAA16068 for <aprssig@tapr.org>; Sun, 13 Oct 1996 23:59:49 -0500
(CDT)

Received: by gw.resonet.com (5.65v3.2/DEC-Ultrix/4.3)

id AA17076; Mon, 14 Oct 1996 01:05:49 -0400

X400-Received: by mta MTA-1 in /ADMD=TELECOM.CANADA/C=CA/;

Relayed; 14 Oct 1996 05:05:49 +0000

X400-Received: by /ADMD=TELECOM.CANADA/C=CA/;

converted (IA5-Text);

Relayed; 14 Oct 1996 04:59:00 +0000

From: "X.400_Mail_Gateway" <X400Postmaster@resonet.com>

To: aprssig@tapr.org

Subject: Delivery-Report (failure) for

/DD.ID=john.langtry/0=RESONET/ADMD=TELECOM.CANADA/C=CA/@resonet.com

Message-Type: Delivery Report

X400-Mts-Identifier: [/ADMD=TELECOM.CANADA/C=CA/;ZNGA-3908-2900]

Date: 14 Oct 1996 04:59:00 +0000

Message-Id: </ADMD=TELECOM.CANADA/C=CA/;ZNGA-3908-2900@resonet.com>

X400-Content-Identifier: (91)APRSSIG:5...

Mime-Version: 1.0

Content-Type: multipart/report; report-type=delivery-status;

boundary="Mon Oct 14 01:05:49 1996 L1 45"

--Mon Oct 14 01:05:49 1996 L1 45

This report relates to your message: (91)APRSSIG:5...

Your message was not delivered to:
/DD.ID=john.langtry/O=RESONET/ADMD=TELECOM.CANADA/C=CA/@resonet.com
for the following reason:
Transfer could not be initiated
An invalid message parameter was encountered

The Original Message is not available

--Mon Oct 14 01:05:49 1996 L1 45
content-type: message-delivery-status

Reporting-MTA: x400; mta MTA-1 in /PRMD=(null)/ADMD=TELECOM.CANADA/C=CA
Arrival-Date: 14 Oct 1996 04:59:00 +0000
DSN-Gateway: dns; resonet.com
X400-Conversion-Date: 14 Oct 1996 01:05:49 -0400
Original-Envelope-Id:
[/PRMD=RESONET/ADMD=telecom.canada/C=ca/;<199610140357.XAA10995@mail-e2b.]
X400-Content-Identifier: (91)APRSSIG:5...
X400-Content-Type: P2-1984 (2)

Original-Recipient: rfc822; /DD.ID=john.langtry/O=RESONET/ADMD=TELECOM.CANADA/
C=CA/@resonet.com
Final-Recipient: x400; /DD.ID=john.langtry/O=RESONET/ADMD=TELECOM.CANADA/C=CA/
Action: failure
Status: 5.5.2
Diagnostic-Code: x400; 1 (Unable-To-Transfer) / 11 (Invalid-Parameters)
X400-Last-Trace: 14 Oct 1996 04:59:00 +0000
X400-Originally-Specified-Recipient-Number: 1

--Mon Oct 14 01:05:49 1996 L1 45--

From aprs@juno.com Mon Oct 14 00:11:04 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA19503 for <aprssid@tapr.org>; Mon, 14
Oct 1996 00:11:02 -0500 (CDT)
Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail)
id BAF28010; Mon, 14 Oct 1996 01:10:31 EDT
To: aprssid@tapr.org
Subject: Re: [APRSSIG:5567] KPC-3 settings
Message-ID: <19961013.220815.6774.38.aprs@juno.com>
References: <961013195458_72155.1222_EHB151-1@compuserve.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0,2-3,5-10,12-30
From: aprs@juno.com (ap rs)
Date: Mon, 14 Oct 1996 01:10:31 EDT

Richard-

First and foremost: Make sure you input the command INTERFACE NORMAL so
the TNC knows more than just its "name,rank, and serial #"

The rest of the commands will be set when you bring up APRS. Tell APRS

you have a TAPR TNC.

Ralph N4NEQ

On Sun, 13 Oct 1996 15:12:40 -0500 (CDT) Richard Ball
<72155.1222@compuserve.com> writes:
>I could use some help. I am running my APRS system in my car.
>Garmin45, KPC-3
>V6, DR1200 radio, laptop. The last couple of times out in the car the
>system
>sent fine but I never saw on my screen any of the stations that heard
>and sent
>back to me. This includes my home station when I was at the end of
>the block.
>The car system did hear at one time, I don't know what I changed in
>the TNC.
> Would someone tell me what, and to what, settings they change in
>the KPC-3
>from the defaults that come in it?
>
>Thanks. 73 Richard N7Rig
>
>
>

From kc5ejk@onramp.net Mon Oct 14 01:19:13 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id BAA24564 for <aprssig@tapr.org>; Mon, 14 Oct 1996
01:19:10 -0500 (CDT)
Received: from [199.1.11.115] (dal20.onramp.net [199.1.11.120]) by
mailhost.onramp.net (8.7.3/8.6.5) with SMTP id BAA09334; Mon, 14 Oct 1996 01:19:04
-0500 (CDT)
Message-Id: <v02140b01ae879523406f@[199.1.11.115]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 14 Oct 1996 01:20:36 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSID:5574] Newbie GPS Question - Antenna
Cc: 73227.2644@CompuServe.COM

>OK, I've gone and put the GPS-20 kit together, managed to get some data out of
>it, but still haven't got a fix yet. The problem is the antenna.

You might have missed the times I posted to the sig that people
having GPS fix problem should run Bob's SIGPLOT basic program
that is part of the APRS doc file. If you have DOSaprs
there is a GPS sky plot there also.

With SIGPLOT you can see what is going on with your unit.

If it keeps cycling in numeric order from one sat to another it is not getting a fix. Once it find three satelllites then it downloads the sky chart at 50 baud which takes at least 20 min sometimes longer.

You might need to wait hours if the satelllites are not overhead. Once the chart is loaded and a corect lon/lat/alt are in, the next fix is faster.

I don't remember if the winaprs version has the sky plot working, I use MACaprs or DOSaprs smost of the time. The SKY chart has disappeared from the latest MacAPRS program so use a older version.

Borrow a Garmin passive or active Antenna for the first fix.

Those az/el are bogus until the unit has the correct Keps installed. Otherwise it is just looking where is THINKS the satelllites are.

There is a chance that if you use the input port to load your correct location/time/alt you might get to skip the downloading of the satellite sky chart keps and get a faster fix. Works on a Garmin-45 but have not tried on a Garmin-20

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From ddoobbins@juno.com Mon Oct 14 01:38:46 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA25005 for <aprssig@tapr.org>; Mon, 14 Oct 1996 01:38:43 -0500 (CDT)
Received: (from ddoobbins@juno.com) by x11.boston.juno.com (queueemail) id CAC14001; Mon, 14 Oct 1996 02:37:11 EDT
To: aprssig@tapr.org
Date: Tue, 8 Oct 1996 23:11:08 PDT
Subject: Re: [APRSSIG:5550] REMOTES ?
Message-ID: <19961008.230653.11863.15.ddoobbins@juno.com>
References: <01BBB835.33FFCC00@rgpm01-045.mcn.net>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 2-7,9-10
From: ddoobbins@juno.com (David S Dobbins)

I'll take Willie/KI7NV request for info on remote trackers for action. No need for anyone else to respond. Willie: I'll answer your question direct, and provide other info that may be of interest to you.

| | |
|------------------------|--|
| David S. Dobbins/WH6YC | Pacific Northwest APRS Coordinator |
| POB 553 404 N Third St | Email: ddoobbins@juno.com |
| Pe Ell, WA 98572-0553 | VHF 147.06 T110.9, or 145.43 |
| tel: 360-291-3707 | APRS 145.79, 145.75 |
| pager: 800-514-7489 | "In GOD we trust, all others we track by |

GPS"

From wclement@the-hermes.net Mon Oct 14 07:57:04 1996
Received: from seeker (root@seeker.the-hermes.net [205.177.6.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA04200 for <aprssig@tapr.org>; Mon, 14 Oct 1996
07:57:02 -0500 (CDT)
Received: from wclement-ppp (athena-10.the-hermes.net [205.177.6.40]) by seeker
(8.6.12/8.6.12) with SMTP id IAA17945 for <aprssig@tapr.org>; Mon, 14 Oct 1996
08:58:41 -0400
Posted-Date: Mon, 14 Oct 1996 08:58:41 -0400
Message-ID: <326238B4.3376@the-hermes.net>
Date: Mon, 14 Oct 1996 08:57:24 -0400
From: "Dr. William I. Clement" <wclement@the-hermes.net>
Reply-To: 1261@the-hermes.net, Dogwood@the-hermes.net, Road@the-hermes.net,
Arnold@the-hermes.net, MD@the-hermes.net, 21012@the-hermes.net
Organization: Clement Engineering, Inc.
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5574] Newbie GPS Question - Antenna
References: <961014033745_73227.2644_EHM28-1@CompuServe.COM>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Donald Rotolo wrote:

>
> Another question: I've tried to send data to the GPS 20, to tell it to stop
> sending some of the sentences I don't care about, but it doesn't seem to get the
> message. I noticed that everything has a checksum (?) at the end of the
> sentence, preceded by an asterisk (*) - since I didn't see how that is
> calculated, I didn't include it. I am supposing now that it is required, so how
> DO I calculate it?
>

The checksum is the XOR of all characters between \$ and * (excluding
those
characters). It is a single byte which must be sent as two ASCII
characters.

For example, to disable all messages, send the string:
\$PGRMO,,2*75<cr><lf>

<cr> is the carriage return: 0x0D
<lf> is the linefeed: 0x0A

To enable only the GPRMC message:
\$PGRMO,GPRMC,1*3D<cr><lf>

73 de Will, N3XLM, President
Clement Engineering, Inc.

From jratchf@bulldog.afsc.k12.ar.us Mon Oct 14 08:03:44 1996
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id IAA04529 for <aprssig@tapr.org>; Mon, 14 Oct 1996 08:03:42 -0500 (CDT)
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id IAA12092; Mon, 14 Oct 1996 08:03:36 -0500
Date: Mon, 14 Oct 1996 08:03:36 -0500 (CDT)
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5567] KPC-3 settings
In-Reply-To: <961013195458_72155.1222_EHB151-1@CompuServe.COM>
Message-ID: <Pine.LNX.3.91.961014080306.11831B-100000@bulldog.afsc.k12.ar.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Check to see if your CD setting is still software.

On Sun, 13 Oct 1996, Richard Ball wrote:

> I could use some help. I am running my APRS system in my car. Garmin45, KPC-3
> V6, DR1200 radio, laptop. The last couple of times out in the car the system
> sent fine but I never saw on my screen any of the stations that heard and sent
> back to me. This includes my home station when I was at the end of the block.
> The car system did hear at one time, I don't know what I changed in the TNC.
> Would someone tell me what, and to what, settings they change in the KPC-3
> from the defaults that come in it?
>
> Thanks. 73 Richard N7Rig
>
>

From bruninga@nadn.navy.mil Mon Oct 14 08:46:15 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA05920 for <aprssig@tapr.org>; Mon, 14 Oct 1996 08:46:13 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id JAA15515 for <aprssig@tapr.org>; Mon, 14 Oct 1996 09:51:20 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Mon, 14 Oct 1996 09:51:19 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5553] Cheap HF rigs
In-Reply-To: <325FFDD2.53D6@usc.edu>
Message-ID: <Pine.GSO.3.95.961014094218.15073C-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 12 Oct 1996, Dick Mead wrote:

> Well, It's not actually cheap, but I had not seen
> any mention of the Ten-Tec Scout. Here's a URL to a review.
> It's about double the cost and not xtal, but what the hey....

APRSdos REPLY/COMMENT: It drifts. Yes, it has frequency lock, IE, you tune in a signal and it stays, but each time you power up the rig, you will probably not be at the same starting point... Does it have a crystal option?

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Mon Oct 14 08:50:18 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA06289 for <aprssig@tapr.org>; Mon, 14 Oct 1996 08:50:17 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id JAA15581 for <aprssig@tapr.org>; Mon, 14 Oct 1996 09:55:23 -0400 (EDT)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Mon, 14 Oct 1996 09:55:23 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: Tracker problem in 77C?

In-Reply-To: <326059cd.941740729@mail.mergetel.com>

Message-ID: <Pine.GS0.3.95.961014095406.15073D-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 13 Oct 1996, Ronald Kramer wrote:

> when you made the change you broke the ssid structure on
> rx packet from mobiles with ssid of 15, I dont know about
> the other numbers above 9 and below 15 but my mobile
> does not show on my home station or my work shop station
> that are running 77 c, using the V screen all looks normal
> but the Plist show VE3MX-15 with a lat and long of 000000000's

APRSdos REPLY/COMMENT: Anyone else seen this?

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Mon Oct 14 09:06:49 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA06774 for <aprssig@tapr.org>; Mon, 14 Oct 1996 09:06:47 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA15927 for <aprssig@tapr.org>; Mon, 14 Oct 1996 10:11:53 -0400 (EDT)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Mon, 14 Oct 1996 10:11:53 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5568] Re: homemade patch antenna sucess

In-Reply-To: <Pine.GS0.3.95.961013133230.14264J-100000@spork.callamer.com>
Message-ID: <Pine.GS0.3.95.961014100915.15073I-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 13 Oct 1996, Clifford Buttschardt wrote:

> Two models of the patch antenna were built using flashing copper
> sheet usually used by roofers. This fifteen thousands thick material
> bends and cuts most easily but is difficult to solder. (an
> understatement!)

It is much easier just to use PC board material. The ground plane can be double or single sided, but the patch must be single sided with the copper side facing the ground plane. You can carve out little lands using a knife to solder the chip..

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Mon Oct 14 09:17:24 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA07038 for <aprssig@tapr.org>; Mon, 14 Oct 1996 09:17:22 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA16155 for <aprssig@tapr.org>; Mon, 14 Oct 1996 10:22:28 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 14 Oct 1996 10:22:27 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5573] DigiPath
In-Reply-To: <3261D1E9.295E@concentric.net>
Message-ID: <Pine.GS0.3.95.961014101857.15073K-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 13 Oct 1996, William Nolle wrote:

> In Version 77c the digi path command was changed (Why i don't know) ...
> I noticed ALT-B doesn't do anything now so why was it changed?.

APRSDOS REPLY/COMMENT: Alt-B has changed to INPUT-MY-STATUS to be more consistent with INPUT-MY-POSITION. See the NEWNOTES.txt which comes with each new version of APRS...

If there is a problem in the OPS-DIGI command, tell me about it. There were no changes made in that area...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Mon Oct 14 09:26:00 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA07400 for <aprssig@tapr.org>; Mon, 14
Oct 1996 09:25:58 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id KAA16328 for <aprssig@tapr.org>; Mon, 14 Oct 1996
10:31:05 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 14 Oct 1996 10:31:04 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: 77c and trackers.
Message-ID: <Pine.GS0.3.95.961014102950.15073M-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just got a phone call report of someone else 77c not seeing their tracker.
THIS makes two. I guess there may be a problem. anyone have any ideas?
What does APRS show on the 25th line when it receives one of these
packets?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From jkozak@erols.com Mon Oct 14 10:12:11 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA09023 for <aprssig@tapr.org>; Mon, 14
Oct 1996 10:12:09 -0500 (CDT)
Received: from n3agg.coronetsec.com (n3agg.coronetsec.com [205.177.134.9]) by
smtp1.erols.com (8.7.5/8.7.3) with SMTP id LAA27103 for <aprssig@tapr.org>; Mon,
14 Oct 1996 11:12:05 -0400 (EDT)
Date: Mon, 14 Oct 1996 11:12:05 -0400 (EDT)
Message-Id: <199610141512.LAA27103@smtp1.erols.com>
X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: jkozak@erols.com (John W. Kozak)
Subject: Re: [APRSSIG:5580] Re: Programming Garmins

>Donald Rotolo wrote:

>>

>> Another question: I've tried to send data to the GPS 20, to tell it to stop
>> sending some of the sentences I don't care about, but it doesn't seem to
get the
>> message.

>To enable only the GPRMC message:

> \$PGRMO,GPRMC,1*3D<cr><lf>

>

>

>73 de Will, N3XLM, President
>Clement Engineering, Inc.

I wonder if that could be told to the other Garmins as well as the GPS 20 module?

I have a Garmin 90 and it spits out tons of information. I haven't seen any information on requesting specific data from this unit. Does anyone have a copy of the GPS 20 instructions that I could look at?

N3AGG
JWK

From aprs@juno.com Mon Oct 14 10:24:45 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA09502 for <aprssig@tapr.org>; Mon, 14 Oct 1996 10:24:44 -0500 (CDT)
Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail) id LAB20862; Mon, 14 Oct 1996 11:23:38 EDT
To: aprssig@tapr.org
Subject: Skip this if U R not in LA area
Message-ID: <19961014.082115.9958.1.aprs@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 3-7
From: aprs@juno.com (ap rs)
Date: Mon, 14 Oct 1996 11:23:38 EDT

Im travelling in LA area right now. See a few stations but so far none have responded to my BLNs. If you see me, pls message me. Also if there is a particular voice freq y'all hang out on, let me know. And what is the Condor repeater for this area's frequency?

Sorry for the bandwidth- no other way to reach these folks.

Ralph N4NEQ-9

From aprs@juno.com Mon Oct 14 10:48:15 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA10228 for <aprssig@tapr.org>; Mon, 14 Oct 1996 10:48:13 -0500 (CDT)
Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail) id LAE27605; Mon, 14 Oct 1996 11:47:41 EDT
To: aprssig@tapr.org
Subject: Re: Newbie GPS Question - Antenna
Message-ID: <19961014.084531.9958.6.aprs@juno.com>
References: <326238B4.3376@the-hermes.net>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 2-3,8-18
From: aprs@juno.com (ap rs)
Date: Mon, 14 Oct 1996 11:47:41 EDT

In using the Trackpac 35, which uses the GPS 25 engine, I find that the checksum is not required for those commands (the ones that start and stop

sentences)

Using procomm or another term program, or possibly even APRS terminal mode: Just give it the info it needs, followed by C/R (I use the "Enter Key) and LF (I use CTRL J). The checksum wasn't required and if specifying ALL to be disabled or enabled, the parameter thaty specifies the sentence can be left blank.

For example, to disable all messages, send the string:
\$PGRMO,,2 <ENTER> <CTRL-J>

To enable only the GPRMC message:
\$PGRMO,GPRMC,1 <ENTER> <CTRL-J>

Ralph N4NEQ
rwf@mindspring.com

From TCox17892@aol.com Mon Oct 14 11:20:15 1996
Received: from emout06.mail.aol.com (emout06.mx.aol.com [198.81.11.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA11327 for <aprssig@tapr.org>; Mon, 14 Oct 1996 11:20:13 -0500 (CDT)
From: TCox17892@aol.com
Received: by emout06.mail.aol.com (8.6.12/8.6.12) id MAA10186 for aprssig@tapr.org; Mon, 14 Oct 1996 12:19:43 -0400
Date: Mon, 14 Oct 1996 12:19:43 -0400
Message-ID: <961014121942_1580815725@emout06.mail.aol.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5580] Re: Newbie GPS Question - Antenna

In speaking of messages sent to the GPS-20, Dr. William I. Clement wrote...

> <cr> is the carriage return: 0x0D
> <lf> is the linefeed: 0x0A

This notation confuses me, for two reasons: First, I think of CR and LF as single bytes, represented by two hex characters, 0D or 0A, and you show four hex characters. Second, the messages coming out of my GPS-20 seem to have only a single byte (0D) following the checksum.

From JOHN.LANGTRY@resonet.com Mon Oct 14 11:20:33 1996
Received: from gw.resonet.com ([199.243.226.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA11345 for <aprssig@tapr.org>; Mon, 14 Oct 1996 11:20:31 -0500 (CDT)
From: JOHN.LANGTRY@resonet.com
Received: by gw.resonet.com (5.65v3.2/DEC-Ultrix/4.3) id AA18690; Mon, 14 Oct 1996 12:26:28 -0400
X400-Received: by mta MTA-1 in /ADMD=TELECOM.CANADA/C=CA/;
Relayed; 14 Oct 1996 16:26:27 +0000
X400-Received: by /ADMD=TELECOM.CANADA/C=CA/;
converted (IA5-Text);
Relayed; 14 Oct 1996 16:20:00 +0000
Date: 14 Oct 1996 16:20:00 +0000

X400-Originator: /PN=JOHN.LANGTRY/DD.ID=JOHN.LANGTRY/O=SCNM/ADMD=TELECOM.CANADA/
C=CA/@resonet.com
X400-Mts-Identifier: [/ADMD=TELECOM.CANADA/C=CA/;ZNGA-6418-2900]
To: aprssig@tapr.org
Subject: 77C & Mobile GPS
Importance: normal
Autoforwarded: FALSE
Message-Id: <"ZNGA-6418-2900*/O=ENVOY
100/ADMD=TELECOM.CANADA/C=CA/"@MHS>
X400-Content-Type: P2-1984 (2)
Priority: normal

Folks :

We got caught (in my case, again) by not reading the instructions;
i.e. the newnotes.txt in the readme file.

When I got 77c up and running yesterday, I noticed also noticed the
lack of VE3 mobiles; I assumed that we were all being stuffed with
turkey and merely not mobile. (Wrong) I read Ron's note this morning
and went and tried and experiment. I turned on the Jeep (-12) in
my driveway and got the following reports; from Dave 3FGK, nothing
on map, nothing on P list. From Lloyd 3BZF he could see my grey Jeep
over top of my GATE symbol and he had me correctly in his P list.
(Dave is running 77c and Lloyd is running 77) Odd.

Then I noticed that I could see AA4QI-12 in Florida as a Jeep and
wondered what the heck. I could see my string on line 24, all looked
fine, so what de heck was the difference ? Answer, I send out a \$GPGGA
string, whilst AA4QI-12 was sending a GGA, an RMC (which by the way,
Bob, was being parsed as "No> string"). Oh, isn't that interesting.

Look at P list and find that the mobile that I can see (AA2QI) is
in there with a GLL. Scratched my head. So, when all else failed,
looked at the newnotes ... Tah Dah ! Bob no longer defaults to
parsing a GGL sentence; you want to see me (or yourself, Ron)
try <ALT>S GPS MODES and select GGA. Poof ! I'm back on the map
and in the P list; Dave 3FGK confirms this.

Which leaves me with a couple of questions; why the change in
the default ? (or Why not parse both GGA or RMC as it did in the
past ?) Secondly, anyone any idea of how to make the stand alone
Tiny Two change which sentence it gives out from the built in
Trimble GPS to RMC or whatever the default is ? (I'm not sure
that I really want to give out my RMC, you see I have this nice
big V-8 in my Jeep and there is a station with the call of VA30PP
running APRS ! hi hi) Bob, wonder if they can use APRS to automate
the sending of speeding tickets ?

Ron, I've mis-placed you e-mail address; could you fire that one
off to me again, please. Bob, any thoughts on going back to parsing
both sentences; if not which stentence should be "standard" ?

vy 73 to all, de John VE3NEC (john.langtry@resonet.com).

From wa8inz@concentric.net Mon Oct 14 11:44:41 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA11913 for <aprssig@tapr.org>; Mon, 14 Oct 1996 11:44:38 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/10/10 1.8))
id MAA29292; Mon, 14 Oct 1996 12:44:37 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>

Received: from LOCALNAME (61032d00091a.concentric.net [206.173.242.45])
by cliff.cris.com (8.8.0)
id MAA12123; Mon, 14 Oct 1996 12:44:35 -0400 (EDT)

Message-ID: <32628A0C.3F10@concentric.net>

Date: Mon, 14 Oct 1996 11:44:28 -0700

From: William Nolle <wa8inz@concentric.net>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5585] Re: DigiPath

References: <Pine.GS0.3.95.961014101857.15073K-100000@arctic>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> On Sun, 13 Oct 1996, William Nolle wrote:
>
> > In Version 77c the digi path command was changed (Why i don't know) ...
> > I noticed ALT-B doesn't do anything now so why was it changed?..
>
> APRSdos REPLY/COMMENT: Alt-B has changed to INPUT-MY-STATUS to be more
> consistent with INPUT-MY-POSITION. See the NEWNOTES.txt which comes with
> each new version of APRS...
>
> If there is a problem in the OPS-DIGI command, tell me about it. There
> were no changes made in that area...
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

Well my copy must be a special one HI. I-M-S just changes the beacon text
(right)

I-M-P changes my Lat/Lon (Right)

O-D stores often used digi path's (Right)

Now where did the command go to make a quick temporary digi change when
needed.?

--

\\\\\\\\
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From wa8inz@concentric.net Mon Oct 14 12:20:09 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA13701 for <aprssig@tapr.org>; Mon, 14
Oct 1996 12:20:07 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/10/10 1.8))
id NAA04007; Mon, 14 Oct 1996 13:13:18 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61047d00241a.concentric.net [206.173.236.180])
by cliff.cris.com (8.8.0)
id NAA22059; Mon, 14 Oct 1996 13:11:52 -0400 (EDT)
Message-ID: <32629071.5300@concentric.net>
Date: Mon, 14 Oct 1996 12:11:45 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Digi Path
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok Ok, don't say it Hi. I found the command i was looking for, strange
it's been there right along ;-). This is what i'm talking about though
doesn't anybody have a list of APRS commands? (Not even the Author?) that
a person can print out as a reference. The command I was looking for of
course was the U = Digi path. I personally would like to see a file
available with ALL the updated APRS commands and of course what they do.
I had at one time started to convert all the F1-F files to help with this
but gave up when they changed so often, but if I had those I would still
do that, then all you would have to do is enter that command name and up
pops the explanation for that command.

--

\\\\\\\\
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From wclement@the-hermes.net Mon Oct 14 12:22:01 1996
Received: from seeker (root@seeker.the-hermes.net [205.177.6.2]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id MAA13729 for aprssig@tapr.org; Mon, 14 Oct 1996
12:21:59 -0500 (CDT)
Received: from wclement-ppp (athena-21.the-hermes.net [205.177.6.51]) by seeker
(8.6.12/8.6.12) with SMTP id NAA24548 for aprssig@tapr.org; Mon, 14 Oct 1996
13:23:39 -0400
Posted-Date: Mon, 14 Oct 1996 13:23:39 -0400
Message-ID: <326276CF.6F5F@the-hermes.net>
Date: Mon, 14 Oct 1996 13:22:24 -0400
From: "Dr. William I. Clement" <wclement@the-hermes.net>
Reply-To: 1261@the-hermes.net, Dogwood@the-hermes.net, Road@the-hermes.net,
Arnold@the-hermes.net, MD@the-hermes.net, 21012@the-hermes.net
Organization: Clement Engineering, Inc.
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5590] Re: Newbie GPS Question - Antenna
References: <961014121942_1580815725@emout06.mail.aol.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

TCox17892@aol.com wrote:

>
> In speaking of messages sent to the GPS-20, Dr. William I. Clement wrote...
>
> > <cr> is the carriage return: 0x0D
> > <lf> is the linefeed: 0x0A
>
> This notation confuses me, for two reasons: First, I think of CR and LF as
> single bytes, represented by two hex characters, 0D or 0A, and you show four
> hex characters. Second, the messages coming out of my GPS-20 seem to have
> only a single byte (0D) following the checksum.

0x0D is the 'C' way of writing hexadecimal. Sorry for the confusion.
As for the LF, I use it but perhaps it is unnecessary. I took this
from the GPS-20 manual and have used it successfully.

Will Clement, N3XLM

From gwyn@paccomm.com Mon Oct 14 12:37:25 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id MAA14283 for aprssig@tapr.org; Mon, 14 Oct 1996
12:37:23 -0500 (CDT)
Received: from gwyn.paccomm.com by paccomm.com with smtp
(Smail3.1.29.1 #1) id m0vCqxA-000FQLC; Mon, 14 Oct 96 13:37 EDT
Received: by gwyn.paccomm.com with Microsoft Mail
id <01BBB9D4.EF07ED20@gwyn.paccomm.com>; Mon, 14 Oct 1996 13:38:07 -0400
Message-ID: <01BBB9D4.EF07ED20@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>

Subject: FW: [APRSSIG:5591] 77C & Mobile GPS
Date: Mon, 14 Oct 1996 13:38:05 -0400
Encoding: 17 TEXT

JOHN.LANGTRY@resonet.com[SMTP:JOHN.LANGTRY@resonet.com] asked:

Secondly, anyone any idea of how to make the stand alone
Tiny Two change which sentence it gives out from the built in
Trimble GPS to RMC or whatever the default is ?

Answer: The Parameter put into GPSTEXT is what is parsed for and put into
the LTEXT (or BTEXT on real old models). GPSTEXT defaults to \$GPGGA. If
you put \$GPVTG you will get that string. If you put \$GP (thats all) you
will get both strings.

Those are the only two strings the Trimble SVEE6 puts out in standard form.
We are making arrangements to change the strings produced to include \$GPRMC
and perhaps others. I will make an announcement on the SIG when that is
accomplished.

From alanwc7r@primenet.com Mon Oct 14 12:56:15 1996
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA14868 for <aprssig@tapr.org>; Mon, 14
Oct 1996 12:56:13 -0500 (CDT)
Received: from primenet.primenet.com (ip205.prc.primenet.com [204.212.56.205]) by
primenet.com (8.8.0/8.8.0) with SMTP id KAA26066 for <aprssig@tapr.org>; Mon, 14
Oct 1996 10:56:07 -0700 (MST)
Message-Id: <2.2.32.19961014175604.0068ca00@mailhost.primenet.com>
X-Sender: alanwc7r@mailhost.primenet.com
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 14 Oct 1996 10:56:04 -0700
To: aprssig@tapr.org
From: "Alan K. Unangst" <alanwc7r@primenet.com>
Subject: Re: [APRSSIG:5567] KPC-3 settings

Richard, be sure that the Garmin is set to NONE/NEMA in the I/O settings.
Have the TNC in Terminal mode and you should be OK. Be sure that you have
locked on to the necessary number of Sats before you start moving.

I have the same basic setup and will be happy to help you, directly, if you
need more help. Good luck, hope to see you on the map!

73, Alan

At 03:12 PM 10/13/96 -0500, you wrote:

>I could use some help. I am running my APRS system in my car. Garmin45, KPC-3
>V6, DR1200 radio, laptop. The last couple of times out in the car the system
>sent fine but I never saw on my screen any of the stations that heard and sent

>back to me. This includes my home station when I was at the end of the block.
>The car system did hear at one time, I don't know what I changed in the TNC.
> Would someone tell me what, and to what, settings they change in the KPC-3
>from the defaults that come in it?
>
>Thanks. 73 Richard N7Rig
>
>
>
Alan K. Unangst, WC7R
E-mail: alanwc7r@primenet.com
Amateur Radio Packet: WC7R @ KB7FRV

From bruninga@nadm.navy.mil Mon Oct 14 13:24:10 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA15856 for <aprssig@tapr.org>; Mon, 14
Oct 1996 13:24:07 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id OAA21765 for <aprssig@tapr.org>; Mon, 14 Oct 1996
14:29:13 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 14 Oct 1996 14:29:13 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: No problem with OPS-DIGI in 77c.
In-Reply-To: <Pine.GS0.3.95.961014101857.15073K-1000000@arctic>
Message-ID: <Pine.GS0.3.95.961014142654.21691B-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> On Sun, 13 Oct 1996, William Nolle wrote:
>
> > In Version 77c the digi path command was changed (Why i don't know) ...

APRSDos REPLY/COMMENT: If you do not have a TNC connected or it is not
talking to the PC, then the OPS-DIGI command will appear not to work,
since it was unable to change the digi path in the TNC... Otherwise, I
could find no problems.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Mon Oct 14 13:33:30 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA16506 for <aprssig@tapr.org>; Mon, 14
Oct 1996 13:33:27 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id OAA22023; Mon, 14 Oct 1996 14:38:27 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 14 Oct 1996 14:38:27 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic

To: JOHN.LANGTRY@resonet.com
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:5591] 77C & Mobile GPS
In-Reply-To: <"ZNGA-6418-2900*/0=ENVOY
Message-ID: <Pine.GSO.3.95.961014143543.21691D-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sounds like VE3NEC figured it out. My intent was to make it so that you could select which sentence, GGA or GLL or RMC that your GPS used. This would avoid some HSP timeouts when APRS just used whatever it got first (if it wasnt a RMC...).

But (ARGH) I forgot that this same routine also parses on-the-air packets too, so your selection will also apply to what you hear! Looks like I gotta fix that... Can you select them all? Ill have to check...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Mon Oct 14 13:37:07 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA16643 for <aprssig@tapr.org>; Mon, 14 Oct 1996 13:37:05 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id OAA22098 for <aprssig@tapr.org>; Mon, 14 Oct 1996 14:42:12 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Mon, 14 Oct 1996 14:42:12 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5592] Re: DigiPath
In-Reply-To: <32628A0C.3F10@concentric.net>
Message-ID: <Pine.GSO.3.95.961014144109.21691F-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 14 Oct 1996, William Nolle wrote:

> > On Sun, 13 Oct 1996, William Nolle wrote:
> >
> > > In Version 77c the digi path command was changed (Why i don't know) ...
> Well my copy must be a special one HI. I-M-S just changes the beacon text
> Now where did the command go to make a quick temporary digi change when
> needed.?

APRSDOS REPLY/COMMENT: Same place as always. OPS-UNPROTO

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Mon Oct 14 13:40:25 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA16719 for <aprssig@tapr.org>; Mon, 14 Oct 1996 13:40:23 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id OAA22157 for <aprssig@tapr.org>; Mon, 14 Oct 1996 14:45:30 -0400 (EDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Mon, 14 Oct 1996 14:45:30 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5593] Digi Path

In-Reply-To: <32629071.5300@concentric.net>

Message-ID: <Pine.GS0.3.95.961014144409.21691I-1000000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 14 Oct 1996, William Nolle wrote:

> doesn't anybody have a list of APRS commands? (Not even the Author?)
> that a person can print out as a reference.

APRSDos REPLY/COMMENT: That is supposed to be what HELP.TXT file is. A list of commands and what they do. I try to update it whenever I change anything...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From ad4bl@juno.com Mon Oct 14 15:13:32 1996

Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA19912 for <aprssig@tapr.org>; Mon, 14 Oct 1996 15:13:31 -0500 (CDT)

Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail) id QAA25197; Mon, 14 Oct 1996 16:11:21 EDT

To: aprssig@tapr.org

Date: Mon, 14 Oct 1996 15:54:54 CDT

Subject: Re: [APRSSIG:5593] Digi Path

Message-ID: <19961014.151019.3374.3.ad4bl@juno.com>

References: <32629071.5300@concentric.net>

X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 0-8

From: ad4bl@juno.com (Linda G Mullen)

William, one thing that I have done...I typed out all the commands in shortened form and printed them out and put it in a booklet that I can pull out, check, mark-up, highlight, etc. It is most helpful.

Linda Mullen AD4BL DEC East Panhandle District
Northern Florida Section
Email ad4bl@juno.com or ad4bl@beaches.net
Everything worth doing takes courage

From kb6lfm@ix.netcom.com Mon Oct 14 15:17:14 1996
Received: from dfw-ix5.ix.netcom.com (dfw-ix5.ix.netcom.com [206.214.98.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA19952 for <aprssig@tapr.org>; Mon, 14 Oct 1996 15:17:07 -0500 (CDT)
From: kb6lfm@ix.netcom.com
Received: from ala-ca14-06.ix.netcom.com (kb6lfm@ala-ca14-06.ix.netcom.com [204.32.168.70]) by dfw-ix5.ix.netcom.com (8.6.13/8.6.12) with SMTP id NAA22919 for <aprssig@tapr.org>; Mon, 14 Oct 1996 13:16:33 -0700
Message-ID: <32629F44.265E@ix.netcom.com>
Date: Mon, 14 Oct 1996 13:15:00 -0700
X-Mailer: Mozilla 2.01E-NC250 (Win95; U; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5577] Re: KPC-3 settings
References: <19961013.220815.6774.38.aprs@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ap rs wrote:

>
> Richard-
> First and foremost: Make sure you input the command INTERFACE NORMAL so
> the TNC knows more than just its "name,rank, and serial #"
>
> The rest of the commands will be set when you bring up APRS. Tell APRS
> you have a TAPR TNC.
>
> Ralph N4NEQ
>
> On Sun, 13 Oct 1996 15:12:40 -0500 (CDT) Richard Ball
> <72155.1222@compuserve.com> writes:
> >I could use some help. I am running my APRS system in my car.
> >Garmin45, KPC-3
> >V6, DR1200 radio, laptop. The last couple of times out in the car the
> >system
> >sent fine but I never saw on my screen any of the stations that heard
> >and sent
> >back to me. This includes my home station when I was at the end of
> >the block.
> >The car system did hear at one time, I don't know what I changed in
> >the TNC.
> > Would someone tell me what, and to what, settings they change in
> >the KPC-3
> >from the defaults that come in it?
> >
> >Thanks. 73 Richard N7Rig
> >
> >
> >The command is "INTFACE TERMINAL" Richard.

From kb6lfm@ix.netcom.com Mon Oct 14 15:32:44 1996
Received: from dfw-ix5.ix.netcom.com (dfw-ix5.ix.netcom.com [206.214.98.5]) by

tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA20589 for <aprssig@tapr.org>; Mon, 14 Oct 1996 15:32:42 -0500 (CDT)
From: kb6lfm@ix.netcom.com
Received: from ala-ca14-06.ix.netcom.com (kb6lfm@ala-ca14-06.ix.netcom.com [204.32.168.70]) by dfw-ix5.ix.netcom.com (8.6.13/8.6.12) with SMTP id NAA24051 for <aprssig@tapr.org>; Mon, 14 Oct 1996 13:32:10 -0700
Message-ID: <3262A2EC.22B9@ix.netcom.com>
Date: Mon, 14 Oct 1996 13:30:36 -0700
X-Mailer: Mozilla 2.01E-NC250 (Win95; U; 16bit)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5596] Re: KPC-3 settings
References: <2.2.32.19961014175604.0068ca00@mailhost.primenet.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alan K. Unangst wrote:

>
> Richard, be sure that the Garmin is set to NONE/NEMA in the I/O settings.
> Have the TNC in Terminal mode and you should be OK. Be sure that you have
> locked on to the necessary number of Sats before you start moving.
>
> I have the same basic setup and will be happy to help you, directly, if you
> need more help. Good luck, hope to see you on the map!
>
> 73, Alan
>
> At 03:12 PM 10/13/96 -0500, you wrote:
> >I could use some help. I am running my APRS system in my car. Garmin45, KPC-3
> >V6, DR1200 radio, laptop. The last couple of times out in the car the system
> >sent fine but I never saw on my screen any of the stations that heard and sent
> >back to me. This includes my home station when I was at the end of the block.
> >The car system did hear at one time, I don't know what I changed in the TNC.
> > Would someone tell me what, and to what, settings they change in the KPC-3
> >from the defaults that come in it?
> >
> >Thanks. 73 Richard N7Rig
> >
> >
> >
> Alan K. Unangst, WC7R
> E-mail: alanwc7r@primenet.com
> Amateur Radio Packet: WC7R @ KB7FRV

More TYPO's..... Command is "NONE/NMEA".....

From wa8inz@concentric.net Mon Oct 14 16:21:33 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA22585 for <aprssig@tapr.org>; Mon, 14 Oct 1996 16:21:31 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/10/10 1.8))

id RAA19886; Mon, 14 Oct 1996 17:21:30 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61032d0021la.concentric.net [206.173.242.57])
by cliff.cris.com (8.8.0)
id RAA05218; Mon, 14 Oct 1996 17:21:28 -0400 (EDT)
Message-ID: <3262CAF0.1543@concentric.net>
Date: Mon, 14 Oct 1996 16:21:20 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5601] Re: Digi Path
References: <19961014.151019.3374.3.ad4bl@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Linda G Mullen wrote:

>
> William, one thing that I have done...I typed out all the commands
> in shortened form and printed them out and put it in a booklet that I can
> pull out, check, mark-up, highlight, etc. It is most helpful.
>
> Linda Mullen AD4BL DEC East Panhandle District
> Northern Florida Section
> Email ad4bl@juno.com or ad4bl@beaches.net
> Everything worth doing takes courage

Thanks Linda, sounds like a good idea that i may have to break down and
do also. Things are getting to involved to remember Hi. Thanks for the
help.

--

\\\\\\\\
(0 0)
--o0-()-o0--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From z004391b@bcfreenet.seflin.lib.fl.us Mon Oct 14 18:08:05 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us
[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA26006 for
<aprssig@tapr.org>; Mon, 14 Oct 1996 18:08:03 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)
id TAA16717; Mon, 14 Oct 1996 19:07:30 -0400
Date: Mon, 14 Oct 1996 19:07:30 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:5574] Newbie GPS Question - Antenna
To: aprssig@tapr.org

My question to the SIG (hier and lower archy): does it make any sense to put a GATE on the HF side to put it out on VHF networks all over the place, say once an hour? Or would this be of insufficient interest to warrant the bandwidth?

73 de Jay

Jay Millard
Harmill Communications Inc.
** Amateur Radio Station KD1LY **
Darien, Connecticut 06820

From davew@cruzio.com Mon Oct 14 21:03:45 1996
Received: from cruzio.com (mmdf@bbs.cruzio.com [165.227.10.31]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA01625 for <aprssig@tapr.org>; Mon, 14 Oct 1996 21:03:44 -0500 (CDT)
Date: Mon, 14 Oct 1996 21:03:44 -0500 (CDT)
Received: from pine222.cruzio.com by cruzio.com id aa28765; 14 Oct 96 18:11 PDT
X-Sender: davew@mail.cruzio.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: David Wells <davew@cruzio.com>
Subject: Re: [APRSSIG:5605] Re: Newbie GPS Question - Antenna
Message-ID: <9610141811.aa28765@cruzio.com>

At 06:27 PM 10/14/96 -0500, you wrote:

>I have a Garmin 75 and it has an excellent removable antenna. I played a
>bit with a tiny dipole and it worked fine except it had about a third to
>a half of the signal indication as the Garmin antenna.
>
>The dipole will work, if your unit is working ok.
>
>
>John W. Wilson, KN4HX
>z004391b@bcfreenet.seflin.lib.fl.us
>

The G75 antenna has a preamp in it which helps out a bit.

Dave KD6TO
David L. Wells KD6TO (KD6 Teletype Operator)
INTERNET: davew@cruzio.com
Watsonville, CA USA

From jkozak@erols.com Mon Oct 14 21:14:35 1996
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA01908 for <aprssig@tapr.org>; Mon, 14 Oct 1996 21:14:31 -0500 (CDT)
Received: from jkozak.erols.com (wmn-as1s30.erols.com [205.177.156.30]) by

smtp1.erols.com (8.7.5/8.7.3) with SMTP id WAA00732 for <aprssig@tapr.org>; Mon, 14 Oct 1996 22:14:29 -0400 (EDT)
Message-Id: <1.5.4.32.19961015021501.006869bc@pop.erols.com>
X-Sender: jkozak@pop.erols.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 14 Oct 1996 22:15:01 -0400
To: aprssig@tapr.org
From: John Kozak <jkozak@erols.com>
Subject: Re: [APRSSIG:5605]GPSPatch Antenna

I just ordered the Trimble GPS antenna from Paccom, but they are they are out of stock at the moment. So, while I wait, I figured I'd build the GPSPatch antenna.

With some scrap aluminum, hotglue and a tape measure, I whipped up an antenna without much attention to precision. I figured I'd have to add some amplification to get it to really work, but after 30 minutes building it, I took it outside and turned on my Garmin 90. I had lock on 4 satellites almost immediately with stronger signals than the antenna that comes with it! It does favor the higher satellites over the lower ones but I was impressed. Don't let the precision of measurements deture you from trying to build your your own antenna. I was so impressed I built a second one with nylon screws and spacers.

N3AGG
John Kozak

From wa8inz@concentric.net Mon Oct 14 21:33:26 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA02692 for <aprssig@tapr.org>; Mon, 14 Oct 1996 21:33:21 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/10/10 1.8))
id WAA27746; Mon, 14 Oct 1996 22:33:16 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61029d00071a.concentric.net [206.173.241.211])
by cliff.cris.com (8.8.0)
id WAA20058; Mon, 14 Oct 1996 22:33:12 -0400 (EDT)
Message-ID: <32631400.3DD3@concentric.net>
Date: Mon, 14 Oct 1996 21:33:04 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5606] Re: WEATHER STATION SIGNAL REPORT
References: <v01510102ae885b2f23d9@[38.10.232.19]>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jay Millard wrote:

(8.7.5/8.7.3/1.9) with SMTP id VAA03303 for <aprssig@tapr.org>; Mon, 14 Oct 1996 21:52:31 -0500 (CDT)
Received: from billk (pm1-65.inland.net [206.117.116.65]) by ns1.inland.net (8.6.12/8.6.9) with SMTP id TAA18293 for <aprssig@tapr.org>; Mon, 14 Oct 1996 19:45:10 -0700
Date: Mon, 14 Oct 1996 19:45:10 -0700
Message-Id: <2.2.16.19961014195711.29ef5dce@inland.net>
X-Sender: billk@inland.net
X-Mailer: Windows Eudora Pro Version 2.2 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Bill Kearns <billk@inland.net>
Subject: trimble board & KPC-3

hello all,

a friend of mine recently picked up a Paccomm Tiny-2 with the Trimble GPS board installed inside. (this is a brand new perfectly working unit!). What we would like to do is to install the Trimble gps board inside a Kantronics KPC-3. (believe it or not it almost fits!) maybe a modification to the case or i could have my sheet metal friend make a new case for the kpc-3 and it would be a perfect fit. our problem is this.... the trimble works perfect with the tiny-2 but we cannot get it to work with the kpc-3,,,,,, anyone have any idea why? we KNOW, we have the all the connections correct.. but just cannot get it to work.....when we put the board back into the Tiny-2 it works fine... also....we have the garmin software installed on a laptop...it reads data from the garmin like there was no tomorrow.... but when we hook up the trimble board it reads garbage.... any help out there??

Bill Kearns WB6JAR ///// billk@inland.net
 (o o)
-----o00--(_)--00o-----

From ku0g@sprynet.com Mon Oct 14 22:33:29 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA04633 for <aprssig@tapr.org>; Mon, 14 Oct 1996 22:33:25 -0500 (CDT)
Received: from JIMDUNCA (TS1-P2.WWI.NET [204.153.64.102]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id UAA18300 for <aprssig@tapr.org>; Mon, 14 Oct 1996 20:33:22 -0700
Date: Mon, 14 Oct 1996 20:33:22 -0700
Message-Id: <199610150333.UAA18300@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com

X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: James Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:5577] Re: KPC-3 settings

At 00:29 10/14/96 -0500, you wrote:

>Richard-
>First and foremost: Make sure you input the command INTERFACE NORMAL so
>the TNC knows more than just its "name,rank, and serial #"
>
>The rest of the commands will be set when you bring up APRS. Tell APRS
>you have a TAPR TNC.
>
>Ralph N4NEQ
Actually, that would be INTERFACE TERMINAL.....

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@sprynet.com

From marko@tetherless.com Mon Oct 14 23:06:38 1996
Received: from gorgor.pa.tetherless.com (root@gorgor.pa.tetherless.com [204.94.180.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA05816 for <aprssig@tapr.org>; Mon, 14 Oct 1996 23:06:37 -0500 (CDT)
Received: from mark.pa.tetherless.com (mark.pa.tetherless.com [204.94.180.151]) by gorgor.pa.tetherless.com (8.7.3/8.7.3) with SMTP id VAA04285 for <aprssig@tapr.org>; Mon, 14 Oct 1996 21:06:35 -0700 (PDT)
Date: Mon, 14 Oct 1996 21:06:35 -0700 (PDT)
Message-Id: <1.5.4.16.19961014210645.46c7b0ba@gorgor.pa.tetherless.com>
X-Sender: marko@gorgor.pa.tetherless.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Mark Oppenheim <marko@tetherless.com>
Subject: AutoWx problems??

I know that in the past there were problems that the APRS strings generated by the AutoWx program were not reported correctly, and setting off APRS alarms (ie: it tended to report total rainfall, rather than rainfall rate)... has this been fixed? What is the current version of AutoWx... the file on TAPR (AW2K42D.ZIP) seems to be corrupted - at least on the 2 downloads that I have done on the file...

Mark

From davidmc@goodnet.com Mon Oct 14 23:26:01 1996
Received: from goodguy.goodnet.com (root@goodnet.com [207.98.129.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA06366 for <aprssig@tapr.org>; Mon, 14 Oct 1996 23:25:59 -0500 (CDT)

Received: from 206.43.127.179 (tempe-ts11-18.goodnet.com [206.43.127.179]) by goodguy.goodnet.com (8.7.5/8.7.1) with SMTP id VAA11607 for <aprssig@tapr.org>; Mon, 14 Oct 1996 21:25:13 -0700 (MST)
Message-ID: <32631249.3A38@goodnet.com>
Date: Mon, 14 Oct 1996 21:26:18 -0700
From: David McCarthy <davidmc@goodnet.com>
X-Mailer: Mozilla 3.0 (Macintosh; I; PPC)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5586] 77c and trackers.
References: <Pine.GS0.3.95.961014102950.15073M-100000@arctic>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>
> Just got a phone call report of someone else 77c not seeing their tracker.
> This makes two. I guess there may be a problem. anyone have any ideas?
> What does APRS show on the 25th line when it receives one of these
> packets?
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

I had several occurrences of this over the weekend. As I recall, line 25 should the recieved packet starting with GGA. The strings did have the Lon/Lat in them, but when you check the Posit list, it just showed 0s.

--

David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ
email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam
Visit the family homepage: <http://www.goodnet.com/~davidmc/>
"As for me and my house, we will serve the Lord." Jos 24:15

From n5nys@ix.netcom.com Tue Oct 15 00:32:09 1996
Received: from dfw-ix10.ix.netcom.com (dfw-ix10.ix.netcom.com [206.214.98.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA13211 for <aprssig@tapr.org>; Tue, 15 Oct 1996 00:32:06 -0500 (CDT)
Received: from #n5nys (okc-ok3-13.ix.netcom.com [205.184.171.109]) by dfw-ix10.ix.netcom.com (8.6.13/8.6.12) with SMTP id WAA00783 for <aprssig@tapr.org>; Mon, 14 Oct 1996 22:31:44 -0700
Message-ID: <32632110.5D28@ix.netcom.com>
Date: Tue, 15 Oct 1996 00:28:48 -0500
From: Scott Walsh <n5nys@ix.netcom.com>
Reply-To: n5nys@ix.netcom.com
X-Mailer: Mozilla 3.01b1 (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:4610] DFjr Good or Bad
References: <2.2.16.19961014195711.29ef5dce@inland.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

DFjr Good or Bad? I wish I knew!

I have had my DFjr on order since June24th and have not received it yet. I tried calling the 1-800 number with no answer today 10-14-96. I then tried their long distance number and still got no answer. I had the same experiance back on 9-30-96.

Has anybody received a DFjr? How long did you have to wait? Did Agrelo call you and tell you that it would take longer or did you call them or what?

Also, does anybody know if Agrelo might have gone out of business or just changed their phone number? I have the credit card reversal forms filled out and ready to send in, but I don't want to go that route without knowing first what is going on. If they have been backlogged for four months, I hate to cancel the order and go back down to the bottom of the list.

Is this message off topic? Probably. However the motivation isn't. I want to be able to demonstrate ARPS's ability for DFing to all of the other people that are investing heavily in an APRS statewide network in Oklahoma on 145.79. I believe that if I can get the DF unit so that I can demo it with APRS, many people will want to invest in it now, before the spring wx season hits. If everyone is already equipped by spring, it will be a cinch to get them to use APRS for wx.

Thanks in advance,

Scott
n5nys@ix.netcom.com

From kc5ejk@onramp.net Tue Oct 15 01:05:53 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA16295 for <aprssig@tapr.org>; Tue, 15 Oct 1996 01:05:51 -0500 (CDT)
Received: from [199.1.11.134] (dal34.onramp.net [199.1.11.134]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id BAA04906 for <aprssig@tapr.org>; Tue, 15 Oct 1996 01:05:47 -0500 (CDT)
Message-Id: <v02140b00ae88e5c866ec@[199.1.11.134]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 15 Oct 1996 01:07:22 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:5614] Re: DFjr Good

>

>I have had my DFjr on order since June24th and have not received it
>yet. I tried calling the 1-800 number with no answer today 10-14-96. I
>then tried their long distance number and still got no answer. I had the
>same experiance back on 9-30-96.

I ordered on June 13 and just got my unit. We have 4 that I know of in Dallas,TX.

Joe e-mails on this sig all the time and is very good about replying to e-mail.

Does this look like something you have seen before on the sig:

XX

Agrelo Engineering
Joe Agrelo/President
P.O.Box 231 Pattersonville, NY 12137 USA
ph (518)864-7551 effective 8/15
fax (518)864-7553 " "
mailto:Jagrelo@cris.com
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.
Experts in Microchip & Motorola processors
XX

It was worth the wait and I am have fun with my unit.

Joe has explained he was flooded with orders and to expect some delay.

I think it is great that several of the Ham vendors monitor this sig.

Thanks to

Joe Agrelo Jagrelo@cris.com

Gwyn Reedy gwyn@paccomm.com

"Dr. William I. Clement" wclement@the-hermes.net

Just to make a few who have posted to the APRSSig this week.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From weather@xnet.com Tue Oct 15 01:11:18 1996

Received: from mail.xnet.com (flood.xnet.com [198.147.221.35]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA16377 for <aprssig@tapr.org>; Tue, 15 Oct 1996 01:11:16 -0500 (CDT)

Received: from weather.xnet.com by mail.xnet.com (8.7.5/XNet-2.1R) with SMTP id BAA20546 for <aprssig@tapr.org>; Tue, 15 Oct 1996 01:13:00 -0500 (CDT)

Date: Tue, 15 Oct 1996 01:13:00 -0500 (CDT)

Message-Id: <199610150613.BAA20546@mail.xnet.com>

X-Sender: weather@quake.xnet.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: "Ron Malinowski, Jr." <weather@xnet.com>

Subject: W9ZMR Mobile East Coast

Hi,

I am sending this message for a friend, Ken W9ZMR, as you may have known, his last trip was not heard (from Chicago to Dallas to Phoenix, to LA to seattle and back through MN and to Chicago), well some adjustments have been made and he is leaving in the morning for NJ and then NC from Chicago, a week long trip. I expect him to hit some gates on the coast cause I see gates out in NJ, but I would like to have any reports if you see him, he is running 15 watts VHF 2 seperate paths one going through and out a gate. Thanks, replies if you see him can be sent to him at kenpiletic@aol.com, or to me and I will forward.
Ron

From wa8inz@concentric.net Tue Oct 15 01:36:30 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA17085 for <aprssig@tapr.org>; Tue, 15 Oct 1996 01:36:28 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/10/10 1.8))
id CAA09792; Tue, 15 Oct 1996 02:36:27 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61062d00191a.concentric.net [206.173.193.55])
by cliff.cris.com (8.8.0)
id CAA04337; Tue, 15 Oct 1996 02:36:25 -0400 (EDT)
Message-ID: <32634D02.360D@concentric.net>
Date: Tue, 15 Oct 1996 01:36:18 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5614] Re: DFjr Good or Bad
References: <32632110.5D28@ix.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Scott Walsh wrote:

>
> DFjr Good or Bad? I wish I knew!
>
> I have had my DFjr on order since June24th and have not received it
> yet. I tried calling the 1-800 number with no answer today 10-14-96. I
> then tried their long distance number and still got no answer. I had the
> same experiance back on 9-30-96.
>
> Has anybody received a DFjr? How long did you have to wait? Did Agrelo
> call you and tell you that it would take longer or did you call them or
> what?
>

----- SNIP -----

> Scott
> n5nys@ix.netcom.com

Yes Scott i have had mine for a while now and waited 6 weeks almost to the day. Joe Agrelo always says that soon they will be off the shelf in stock items, but then again he has said that many times Hi. I would send Joe a message about your order, he may have lost it. It shouldn't take that long but then again he maybe taking care fo those that paid in advance. Here is Joe's address. Mine altough having some things i would like to see changed works good and have had few problems.

jagrelo@concentric.net

--

\\\\\\
(0 0)
--o0-()-0o--
wa8inz@amsat.org
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From jclakeland@ucdavis.edu Tue Oct 15 02:43:47 1996
Received: from franc.ucdavis.edu (root@franc.ucdavis.edu [128.120.8.183]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA18891 for <aprssig@tapr.org>; Tue, 15 Oct 1996 02:43:45 -0500 (CDT)
Received: from DialupEudora by franc.ucdavis.edu (8.7.5/UCD3.5.8) id AAA13171; Tue, 15 Oct 1996 00:43:41 -0700 (PDT)
Message-Id: <199610150743.AAA13171@franc.ucdavis.edu>
X-Sender: szlakela@peseta.ucdavis.edu
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 15 Oct 1996 00:43:37 -0800
To: aprssig@tapr.org
From: jclakeland@ucdavis.edu (John Lakeland)
Subject: KPC3 commands

Gentlemen,

The KPC3 comes with a book that gives all the commands etc. Don't know what a guy would do if he didn't have it, but the command in question is INTFACE TERMINAL. Notice it's not interface but INTFACE. As with most elecronic devices close is not good enough. I have made several changes to the default settings to get the KPC3 to work with Mac APRS among them disabling software handshaking. Good luck John Lakeland kc6v1r

From aprs@juno.com Tue Oct 15 03:13:13 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA19505 for <aprssig@tapr.org>; Tue, 15 Oct 1996 03:13:11 -0500 (CDT)
Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail) id EAD04159; Tue, 15 Oct 1996 04:03:23 EDT
To: aprssig@tapr.org

Subject: Re: Newbie GPS Question - Antenna
Message-ID: <19961014.225905.12334.3.aprs@juno.com>
References: <326276CF.6F5F@the-hermes.net>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-5
From: aprs@juno.com (ap rs)
Date: Tue, 15 Oct 1996 04:03:23 EDT

On Mon, 14 Oct 1996 12:42:00 -0500 (CDT) "Dr. William I. Clement"
>As for the LF, I use it but perhaps it is unnecessary. I took this
>from the GPS-20 manual and have used it successfully.

The LF is required, and it has to be after the CR

From aprs@juno.com Tue Oct 15 03:15:04 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA19543 for <aprssig@tapr.org>; Tue, 15
Oct 1996 03:15:02 -0500 (CDT)
Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail)
id EAI04159; Tue, 15 Oct 1996 04:03:23 EDT
To: aprssig@tapr.org
Subject: Re: KPC-3 settings
Message-ID: <19961014.225905.12334.8.aprs@juno.com>
References: <32629F44.265E@ix.netcom.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-5,7-8,11-19
From: aprs@juno.com (ap rs)
Date: Tue, 15 Oct 1996 04:03:23 EDT

On Mon, 14 Oct 1996 15:24:03 -0500 (CDT) kb6lfm@ix.netcom.com writes:
>> >The command is "INTFACE TERMINAL" Richard.

Whoops, Sorry!

Of course that's right. A slip of the meory cells. Must be the clean,
fresh air out here on the left coast.

LA... Where we see at least two San Diego mobile trackers beaconing
once a minute with either a null position or a stationary position thru a
path of WIDE,WIDE, GATE,GATE, WIDE,WIDE

Or even better yet: WIDE,WIDE, RELAY

AND

Almost every UHF repeater is private and closed

From aprs@juno.com Tue Oct 15 03:15:05 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA19546 for <aprssig@tapr.org>; Tue, 15 Oct 1996 03:15:03 -0500 (CDT)
Received: (from aprs@juno.com) by x10.boston.juno.com (queueemail)
id EAH04159; Tue, 15 Oct 1996 04:03:23 EDT
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5591] 77C & Mobile GPS
Message-ID: <19961014.225905.12334.7.aprs@juno.com>
References: <"ZNGA-6418-2900*/0=ENVOY
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-9,11-14
From: aprs@juno.com (ap rs)
Date: Tue, 15 Oct 1996 04:03:23 EDT

On Mon, 14 Oct 1996 11:33:35 -0500 (CDT) JOHN.LANGTRY@resonet.com writes:

>(I'm not sure
>that I really want to give out my RMC, you see I have this nice
>big V-8 in my Jeep and there is a station with the call of VA30PP
>running APRS ! hi hi) Bob, wonder if they can use APRS to automate
>the sending of speeding tickets ?
>

hehe Just don't tell them the APRS P List readout is in KNOTS. That should buy you a little bit of leeway.

Didn't work for me, though.

Anyone know if Missouri State Patrol adds "points" for speeding tickets?

From jratchf@bulldog.afsc.k12.ar.us Tue Oct 15 07:34:04 1996
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA26286 for <aprssig@tapr.org>; Tue, 15 Oct 1996 07:34:02 -0500 (CDT)
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id HAA31664; Tue, 15 Oct 1996 07:34:02 -0500
Date: Tue, 15 Oct 1996 07:34:02 -0500 (CDT)
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5614] Re: DFjr Good or Bad
In-Reply-To: <32632110.5D28@ix.netcom.com>
Message-ID: <Pine.LNX.3.91.961015072711.31589A-100000@bulldog.afsc.k12.ar.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The DFjr is worth the wait! I was one of the first to order, and it took 8 weeks to the day to get in. Yes, I thought it would never arrive, but finally it did! Brother, I can tell you , I've had more fun with it, as you will, in our local foxhunts here in the hills of north central Arkansas.

One thing that I have to comment on, is the support that Joe has given. He worked with me (and others) on a daily basis, helping me fine tune and eventually identify a problem. I later became a "beta tester" for a new uP chip for the DFjr. But anyway, they have made changes and improvements

and supplied them to the owners free of charge! Like a new uP chip upgrade and a redesigned antenna array.

So, wait? You bet!

From lcb911@apex2000.net Tue Oct 15 08:27:34 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA27500 for <aprssig@tapr.org>; Tue, 15 Oct 1996 08:27:32 -0500 (CDT)
Received: from starone.apex2000.net by starone.apex2000.net (NTMail 3.02.10) with ESMTP id ga061704 for <aprssig@tapr.org>; Tue, 15 Oct 1996 08:30:18 -0500
Message-Id: <1.5.4.16.19961015082621.1fcf8c32@apex2000.net>
X-Sender: lcb911@apex2000.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Les Blalock <lcb911@apex2000.net>
Subject: Re: [APRSSIG:5612] AutoWx problems??
Date: Tue, 15 Oct 1996 08:30:18 -0500

Yes, the rainfall amounts were fixed in AutoWx sometime back. I rember the problem only in the Ultimeter II version. (Rain defaulted to 999 if there was an error - now the default is 000 if there is an error.)

I downloaded AW2k42D.ZIP this morning and it works fine - maybe a line or IP problem when you tried? AutoWx 2K is for the Ultimeter 500 and 2000 models and uses the Ultimeter Complete Record Mode. Version 2K 4.2d uses the newer beacon format of APRS 77. AutoWx (with awii in the filename) is for the Ultimeter II and the current version (AWii8xx.ZIP) can also be found in the TAPR software library.

Version 2K42d is the current release - 2k44 is being tested now in a couple of wx networks.

Thanks,

Les/N5K0A

At 11:23 PM 10/14/96 -0500, you wrote:

>I know that in the past there were problems that the APRS strings generated
>by the AutoWx program were not reported correctly, and setting off APRS
>alarms (ie: it tended to report total rainfall, rather than rainfall
>rate)... has this been fixed? What is the current version of AutoWx... the
>file on TAPR (AW2K42D.ZIP) seems to be corrupted - at least on the 2
>downloads that I have done on the file...
>
>Mark

From martinbw@telalink.net Tue Oct 15 08:35:29 1996
Received: from eve.telalink.net (eve.telalink.net [199.1.88.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA27761 for <aprssig@tapr.org>; Tue, 15 Oct 1996

08:35:24 -0500 (CDT)

Received: from oscar.telalink.net (nash-pm1-s28.telalink.net [205.241.232.61]) by eve.telalink.net (8.7.5/Telalink-4.83) with SMTP id IAA10317; Tue, 15 Oct 1996

08:35:14 -0500 (CDT)

X-Mailer: InterCon tcpCONNECT4 4.0.1 (Macintosh)

MIME-Version: 1.0

Message-Id: <9610150835.AA06451@oscar.telalink.net>

Date: Tue, 15 Oct 1996 08:35:06 -0500

From: "Bruce W. Martin" <martinbw@telalink.net>

To: Scott Walsh <n5nys@ix.netcom.com>, aprssig@tapr.org

Subject: Re: DFjr Good or Bad

Content-Type: Text/Plain; charset=US-ASCII

Content-Disposition: Inline

> DFjr Good or Bad? I wish I knew!

>

> I have had my DFjr on order since June 24th and have not received it

> yet. I tried calling the 1-800 number with no answer today 10-14-96.

> I then tried their long distance number and still got no answer. I had

> the same experiance back on 9-30-96.

>

>----- SNIP -----

>

> Scott

> n5nys@ix.netcom.com

First thing is that Monday was a holiday for some folks and that may have included Agrelo. I talked to a friend yesterday who had talked to Joe either last Thursday or Friday. Joe told Mark that his DFjr. was being shipped that day. They apperently had a bit of a problem with some circuit boards (I think) and that caused them to get a bit behind in filling orders. When you get behind like that you get caught in the delema of continuing to work to fill the orders or taking time out (and further delay the process) to call everybody and explain why there is a delay. I have heard good things about the DFjr. and look forward to the day that it reaches the top of the priority list and I can order one too.

Bruce, KQ4TV

--

```
*****
* Bruce W. Martin           Internet: martinbw@telalink.net  *
* 4558 Brooke Valley Dr.    HAM Call: KQ4TV                 *
* Hermitage TN 37076-2650   Voice:      (615) 872-7733      *
* FAX/MODEM: (615) 872-0045   APRS:3610.50N/08635.50W        *
* "Never ask what sort of computer a guy drives.           *
* If he's a Mac user, he'll tell you.                       *
* If not, why embarrass him?"  -- Tom Clancy                *
*****
```

From tcweeden@execpc.com Tue Oct 15 10:48:26 1996

Received: from mailgate.execpc.com (root@mailgate.execpc.com [169.207.16.5]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA00867 for <aprssig@tapr.org>; Tue, 15 Oct 1996 10:48:24 -0500 (CDT)

Received: from mail.execpc.com (mail [169.207.16.2]) by mailgate.execpc.com (8.7.6/8.7.5) with ESMTP id FAA01233 for <aprssig@tapr.org>; Tue, 15 Oct 1996 05:48:08 -0500

Received: from hamer.execpc.com (hamer.execpc.com [156.46.88.94]) by mail.execpc.com (8.7.6/8.7.6) with SMTP id KAA01754 for <aprssig@tapr.org>; Tue, 15 Oct 1996 10:47:47 -0500 (CDT)

Date: Tue, 15 Oct 1996 10:47:47 -0500 (CDT)

Message-Id: <199610151547.KAA01754@mail.execpc.com>

X-Sender: tcweeden@mail.execpc.com (Unverified)

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Tom Weeden <tcweeden@execpc.com>

Subject: Re: Radar Coded Message

Hi Mark,

A while ago you asked for suggestions to enhance the Mac & WinAPRS versions and I suggested adding parsing for the National Weather Service's RCM (Radar Coded Message). I don't remember if you said that you needed the program and/or data files, but I can send you a copy of the program if you still need it. Let me know.

Thanks

--Tom Weeden, WJ9H
South-Central Wisconsin SKYWARN Net Manager
Madison, WI

APRS: !4301.38N/08929.95W

From busch_th@se.crane.navy.mil Tue Oct 15 10:51:48 1996

Received: from cobra.nwscs.sea06.navy.mil ([130.163.65.90]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA01011 for <aprssig@tapr.org>; Tue, 15 Oct 1996 10:51:47 -0500 (CDT)

Received: from avoca.se.crane.navy.mil (avoca.se.crane.navy.mil [130.163.8.61]) by cobra.nwscs.sea06.navy.mil (8.7.6/8.7.3) with ESMTP id KAA17231 for <aprssig@tapr.org>; Tue, 15 Oct 1996 10:16:16 -0500 (CDT)

Received: from AVOCA/SpoolDir by avoca.se.crane.navy.mil (Mercury 1.21);
15 Oct 96 10:16:16 -0500 (EST)

Received: from SpoolDir by AVOCA (Mercury 1.21); 15 Oct 96 10:16:03 -0500 (EST)

Received: from TOMB by avoca.se.crane.navy.mil (Mercury 1.21) with ESMTP;
15 Oct 96 10:15:54 -0500 (EST)

From: "Tom Busch" <busch_th@se.crane.navy.mil>

To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:5554] Re: REMOTES ?

Date: Tue, 15 Oct 1996 10:14:49 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <2A0EDB401AA@avoca.se.crane.navy.mil>

> Are you going to be driving all of these cars? If not I would be
carefull
> of letting non-hams use your equipment without you being there as the
> control operator.

Actually, I think these would be covered as stations in automatic
operation. But you're right...A non-ham may not initiate a transmission
with out a control operator being present. I think a simple "Keep your
mitts off." would suffice in most situations.

From cbuttsch@slonet.org Tue Oct 15 11:06:52 1996
Received: from spork.callamer.com (cbuttsch@spork.callamer.com [199.74.141.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA01604 for <aprssig@tapr.org>; Tue, 15
Oct 1996 11:06:51 -0500 (CDT)
Received: from localhost (cbuttsch@localhost) by spork.callamer.com (8.7.6/8.7.3)
with SMTP id JAA15287; Tue, 15 Oct 1996 09:03:05 -0700 (PDT)
Date: Tue, 15 Oct 1996 09:03:04 -0700 (PDT)
From: Clifford Buttschardt <cbuttsch@slonet.org>
X-Sender: cbuttsch@spork.callamer.com
To: Donald Rotolo <73227.2644@CompuServe.COM>
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:5568] Re: homemade patch antenna sucess
In-Reply-To: <961015035402_73227.2644_EHM64-2@CompuServe.COM>
Message-ID: <Pine.GS0.3.95.961015085917.10777F-100000@spork.callamer.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes Don, putting a DC block on the MAR-6 input is a good idea if for no
other reason than to isolate the bias supply to the IC. However, it is
not disaster if a short occurs as would be the case if the Garmin 20 five
volt supply were to be shorted to ground. Cliff K7RR

On 14 Oct 1996, Donald Rotolo wrote:

> I'll try that, once I finally get a copy of that article...
>
> The MAR-6 is a good choice. I would follow Mini-Circuit's recommendation to put
> a DC blocking cap at the input and output, then use the 5v from the garmin 20
> center pin to power the MAR-6 as you suggest. The MAR-6 has a noise figure of
> like 2.6 dB, so you couldn't do much better. If you REALLY want more gain, put
> 2 MAR-6's in series. Overkill, IMHO.
>
> 73,
> Don N2IRZ
>
>

From jagrelo@cris.com Tue Oct 15 11:21:01 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA02090 for <aprssig@tapr.org>; Tue, 15 Oct 1996 11:20:58 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/10/10 1.8))
id MAA12297; Tue, 15 Oct 1996 12:20:51 -0400 (EDT)
[1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@cris.com>
Received: from crc3.pop3.net (cnc059041.concentric.net [206.83.77.41])
by cliff.cris.com (8.8.0)
id MAA26820; Tue, 15 Oct 1996 12:14:35 -0400 (EDT)
Message-ID: <3263E3BE.3C6B@cris.com>
Date: Tue, 15 Oct 1996 12:19:26 -0700
From: Joe Agrelo <jagrelo@cris.com>
Reply-To: jagrelo@cris.com
Organization: Agrelo Engineering
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: DFjr update!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

With all the discussion about the DFjr it looks like people need to know what is going on.

We are here Monday-Friday 9-5 (eastern), we were closed yesterday for the holiday. The best place to get questions answered is through direct email to me at <mailto:jagrelo@cris.com>
If it has appeared that we are not here maybe something is wrong with the phone line, and it needs to be checked, we are getting calls today however. There is no one to answer the phone during our lunch hour and during the occasional morning meetings.

I havn't been very active on the SIG because I'm trying to get everyones orders filled, which is the number one priority right now.

All the problems with the DFjr pc boards have been solved, any open orders from June and July are *all* shipping this week.

We have had more than our share of problems with the DFjr, but most of it was due to poor employee workmanship during the assembly. We have installed a fully automated pick-n-place surface mount assembly line to help catch us up, that had a BIG learning curve. I am personally testing every DFjr myself, I now know that if you want something done right, do it yourself.

When I do the test, I actually connect the DFjr to the MPA with a Garmin-45 and watch all the data in a terminal program, I also manually spin the antenna array to make sure it is tracking properly

and that there is good tone, I put a scope on each antenna to make sure the waves look good, and last, I scroll through some menus to make sure the processor is doing it's thing.

I hope this helps.

Thanks for everyones patients and support.

73 De Joe N200C (new address & phone effective 8/15)
XX

Agrelo Engineering
Joe Agrelo/President
P.O.Box 231 Pattersonville, NY 12137 USA
ph (518)864-7551 effective 8/15
fax (518)864-7553 " "

mailto:Jagrelo@cris.com

WEB: <http://home.navisoft.com/agrelo/ae.htm>

Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.

Experts in Microchip & Motorola processors

XX

From byoung@qni.com Tue Oct 15 13:13:43 1996

Received: from qni.com (www-ent.qni.com [206.29.114.4]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id NAA05752 for <aprssig@tapr.org>; Tue, 15 Oct 1996
13:13:42 -0500 (CDT)

From: byoung@qni.com

Received: from [208.130.181.42] (annex02-42.qni.com) by qni.com (5.x/SMI-SVR4)
id AA03714; Tue, 15 Oct 1996 13:15:24 -0500

Date: Tue, 15 Oct 1996 13:15:23 -0500

Message-Id: <9610151815.AA03714@qni.com>

Mime-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Subject: Re: [APRSSIG:5626] Re: REMOTES ?

To: aprssig@tapr.org

In-Reply-To: <2A0EDB401AA@avoca.se.crane.navy.mil>

X-Mailer: SPRY Mail Version: 04.10.06.22

On Tue, 15 Oct 1996, "Tom Busch" <busch_th@se.crane.navy.mil> wrote:

>> Are you going to be driving all of these cars? If not I would be
>>carefull of letting non-hams use your equipment without you being
>>there as the control operator.

>

>Actually, I think these would be covered as stations in automatic
>operation. But you're right...A non-ham may not initiate a
>transmission with out a control operator being present. I think a
>simple "Keep your mitts off." would suffice in most situations.

OR... (if you're actually using a PC in each vehicle...) you can use
the ALT-S, (O)ther, (L)ock to prevent "unauthorized transmissions".

Comes in handy where threats to life and limb are insufficient. ;^)

Bill Young
byoung@qni.com
KBOUZQ

From bruninga@nadn.navy.mil Tue Oct 15 14:25:35 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA08214 for <aprssig@tapr.org>; Tue, 15 Oct 1996 14:25:28 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id PAA18687 for <aprssig@tapr.org>; Tue, 15 Oct 1996 15:30:30 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 15 Oct 1996 15:30:29 -0400 (EDT)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5606] Re: WEATHER STATION SIGNAL REPORT
In-Reply-To: <v01510102ae885b2f23d9@[38.10.232.19]>
Message-ID: <Pine.GS0.3.95.961015152412.16736C-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 14 Oct 1996, Jay Millard wrote:

> My question to the SIG: does it make any sense for my HF WX station to
> put a GATE on the HF side to put it out on VHF networks all over the place,
> say once an hour? Or would this be of insufficient interest to warrant the
> bandwidth?

APRSDOS REPLY/COMMENT: In my opinion, that is good practice. But this assumes that you are the only such station in say 100 miles doing this on HF. What we don't need are three local VHF WX stations in XYZ City all reporting the same WX to us 1000 miles away. In fact, because of the 14 additional characters added just to get a VHF packet digipeated onto HF, I really don't like to see VHF WX stations going via GATES to HF at all. But since your station is already transmitting directly onto HF, that packet is much shorter. You may even go via GATE,WIDE in my opinion...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadn.navy.mil Tue Oct 15 15:12:34 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA09848 for <aprssig@tapr.org>; Tue, 15 Oct 1996 15:12:31 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id QAA27021 for <aprssig@tapr.org>; Tue, 15 Oct 1996 16:17:36 -0400 (EDT)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Tue, 15 Oct 1996 16:17:36 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Pittsburg PA Balloon launch 26 oct
Message-ID: <Pine.GS0.3.95.961015161552.16736M-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Finally, something we can track back east!

----- Forwarded message -----

Date: 06 Oct 96 16:36:00 UTC
Message-Id: 64987_W3SYY
From: aa3lt@w3syy.#wpa.pa.usa.na
To: atv@usbbs
Subject: ATV BALLOON LAUNCH

Path: N4HHP!N4GAA!AE1T!KA6EYH!W3IXR!KD3AI!W3OC!K3MJW!W2XO!WF0A!N8YIB!W3SYY

THERE IS TO BE A ATV BALLOON LAUNCH FROM GRID FN00 ON SATURDAY, 26OCT96
AT 1600 UTC. THE FREQUENCY WILL BE 439.25 MHZ AND THE RECOVERY BEACON
WILL BE 144.275 MHZ. LETS HOPE THE WEATHER IS GOOD FOR THE LAUNCH! WE
HOPE TO GET A GOOD VIEW FROM 75 TO 100,000 FEET! IF YOU WANT ANY INFO,
CONTACT WALT, AA3LT VIA PACKET. 73's.

--- end of message #875 ---

-K04KS BBS

Grid FN00 is around nearby Pittsburgh area.

AA3LT is recorded as being at Bellwood, Pa 16617, off of Rt 220. Bellwood
is east of Pittsburgh, NNE. of Cumberland, MD and Altoona, Pa., and just
south of Tyrone, Pa.

From lcb911@apex2000.net Tue Oct 15 15:38:51 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA10828 for <aprssig@tapr.org>; Tue, 15
Oct 1996 15:38:50 -0500 (CDT)
Received: from starone.apex2000.net by starone.apex2000.net (NTMail 3.02.10) with
ESMTP id ha061757 for <aprssig@tapr.org>; Tue, 15 Oct 1996 15:41:44 -0500
Message-Id: <1.5.4.16.19961015153748.1fcf80cc@apex2000.net>
X-Sender: lcb911@apex2000.net (Unverified)
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Les Blalock <lcb911@apex2000.net>
Subject: APRS Slave

Date: Tue, 15 Oct 1996 15:41:44 -0500

At lunch today I had a sudden urge to run APRS on one computer while another was running AutoWx using a single tnc. A quick glance at the Slave stuff in the OPS.TXT file seemed encouraging but I had no luck. Rather than wiring up RXD, TXD and GND as per the docs, only the RXD and GND were Y'd to the second computer but I got no packets. (Packets were seen on both computers when I ran AutoWx on both computers but APRS saw no packets.)

Has anyone else played with this feature? If so, did you have to jumper any other pins on the slave computer end? If I don't xmit from APRS, why wouldn't the 2-pin cabling work?

Les/N5K0A

From hg@penny.n2wx.ampr.org Tue Oct 15 15:48:33 1996

Received: from bbs.mpcs.com (root@bbs.mpcs.com [204.215.226.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA11283 for <aprssig@tapr.org>; Tue, 15 Oct 1996 15:48:30 -0500 (CDT)

Received: from pickle.n2wx.ampr.org (pickle.south.mpcs.com [204.215.226.89]) by bbs.mpcs.com (8.8.0/8.8.0/MPCS) with ESMTP id QAA11668 for <aprssig@tapr.org>; Tue, 15 Oct 1996 16:48:28 -0400

Received: (from root@localhost) by pickle.n2wx.ampr.org (8.8.0/8.7.3/n2wx) id QAA15943 for aprssig@tapr.org; Tue, 15 Oct 1996 16:48:26 -0400 (EDT)

Received: from penny.n2wx.ampr.org (hg@penny.n2wx.ampr.org [204.215.226.90]) by pickle.n2wx.ampr.org (8.8.0/8.8.0/n2wx) with ESMTP id QAA15937 for <aprssig@tapr.org>; Tue, 15 Oct 1996 16:48:23 -0400 (EDT)

Received: (from hg@localhost) by penny.n2wx.ampr.org (8.8.0/8.8.0/n2wx) id QAA03607; Tue, 15 Oct 1996 16:48:22 -0400

Date: Tue, 15 Oct 1996 16:48:22 -0400

Message-Id: <199610152048.QAA03607@penny.n2wx.ampr.org>

From: Howard Goldstein <hg@penny.n2wx.ampr.org>

To: aprssig@tapr.org

Subject: GPS Parity algorithm?

Organization: disorganization

Does anyone have in emailable form the parity algorithm used in GPS and RTCM messages?

From jagrelo@cris.com Tue Oct 15 15:48:35 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA11286 for <aprssig@tapr.org>; Tue, 15 Oct 1996 15:48:32 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
by tribune.concentric.net (8.7.5/(96/10/10 1.8))
id QAA12210; Tue, 15 Oct 1996 16:48:31 -0400 (EDT)
[1-800-745-2747 The Concentric Network]

Errors-To: <jagrelo@cris.com>

Received: from crc3.pop3.net (cnc059054.concentric.net [206.83.77.54])
by cliff.cris.com (8.8.0)
id QAA19191; Tue, 15 Oct 1996 16:48:29 -0400 (EDT)

Message-ID: <326423ED.1B83@cris.com>

Date: Tue, 15 Oct 1996 16:53:17 -0700

From: Joe Agrelo <jagrelo@cris.com>
Reply-To: jagrelo@cris.com
Organization: Agrelo Engineering
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: DFjr manual
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FYI

We are working on a new manual for the DFjr which will be very!
extensive, we hope to have this done in a few weeks (end of November),
At which time the manual will be downloadable from the new site we are
working on and available in a couple of formats such as .DOC, .PDF, etc.

73 De Joe N200C (new address & phone effective 8/15)
XX
Agrelo Engineering
Joe Agrelo/President
P.O.Box 231 Pattersonville, NY 12137 USA
ph (518)864-7551 effective 8/15
fax (518)864-7553 " "
mailto:Jagrelo@cris.com
WEB: <http://home.navisoft.com/agrelo/ae.htm>
Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.
Experts in Microchip & Motorola processors
XX

From kd4emi@juno.com Tue Oct 15 17:21:03 1996
Received: from m1.boston.juno.com (m1.boston.juno.com [205.231.100.199]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA15120 for <aprssig@tapr.org>; Tue, 15
Oct 1996 17:21:01 -0500 (CDT)
Received: (from kd4emi@juno.com) by m1.boston.juno.com (queuemail)
id SAB14586; Tue, 15 Oct 1996 18:20:54 EDT
To: aprssig@tapr.org
Subject: SEISMIC AGAIN
Message-ID: <19961015.182244.5375.1.KD4EMI@juno.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 4-5,7-8
From: kd4emi@juno.com (Michael A. Kantor)
Date: Tue, 15 Oct 1996 18:20:54 EDT

I worked on the lightning monitor last week and I think I can get it to
trigger when a big strike hits nearby...It is kinda lousy though and the
professional stuff available really puts the copper VLF receiver to
shame. You really need a VLF type ground and that is a major pain in the
rear.

I have been seeing SEISMIC alert devices advertized...I will contact the
manufacturer and see whats up. Might be fun...

Mike

From lcb911@apex2000.net Tue Oct 15 17:31:55 1996
Received: from starone.apex2000.net (starone.apex2000.net [207.18.66.3]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA15351 for <aprssig@tapr.org>; Tue, 15 Oct 1996 17:31:49 -0500 (CDT)
Received: from starone.apex2000.net by starone.apex2000.net (NTMail 3.02.10) with ESMTP id wa061798 for <aprssig@tapr.org>; Tue, 15 Oct 1996 17:34:36 -0500
Message-Id: <1.5.4.16.19961015234845.108f71ca@apex2000.net>
X-Sender: lcb911@apex2000.net
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Les Blalock <lcb911@apex2000.net>
Subject: Slave - Never Mind
Date: Tue, 15 Oct 1996 17:34:36 -0500

Re: Slave Mode

Nevermind... When I got home from work and checked the cables, I had plugged the wrong one back in to the A/B box. The 2-wire cable works fine. duh

Les/N5K0A

From fwinder@one.net Tue Oct 15 18:02:41 1996
Received: from one.net (mail.one.net [206.112.192.107]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA16581 for <aprssig@tapr.org>; Tue, 15 Oct 1996 18:02:39 -0500 (CDT)
Received: from jhw.access.one.net (port-5-8.access.one.net [206.112.193.138]) by one.net (8.7.5/8.7.5) with SMTP id TAA32401 for <aprssig@tapr.org>; Tue, 15 Oct 1996 19:02:35 -0400
Date: Tue, 15 Oct 1996 19:02:35 -0400
Message-Id: <199610152302.TAA32401@one.net>
X-Sender: fwinder@mail.one.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Farrell Winder <fwinder@one.net>
Subject: Balloon Launch

>From: Farrell Winder <fwinder@one.net>
>Subject: Balloon Launch
>
>>Date: Tue, 15 Oct 1996 18:59:01
>>To: atv@usbbs
>>From: Farrell Winder <fwinder@one.net>
>>Subject: Balloon Launch
>>
>>>Date: Tue, 15 Oct 1996 18:55:01

>>>To: aa3lt@w3syy.#wpa.pa.usa.na (Can't send to this address)
>>>From: Farrell Winder <fwinder@one.net>
>>>Subject: Balloon Launch
>>>
>>>We would like to watch for your balloon in the Dayton/Cincinnati area but
need more info.
>>>1. What is polarization on ATV transmitter antenna? Horiz?
>>>2. Will there be an APRS freq? (144.275?)
>>>3. Will there be a cross band repeater-- Up, Dn, freq's?
>>>4. HF coord freq? 75m?
>>>Thanks, 73, Farrell, W8ZCF
Cincinnati, O.
>>>
>>

From glittle@awod.com Tue Oct 15 18:59:46 1996
Received: from sumter.awod.com (awod.com [198.81.225.1]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id SAA19281 for <aprssig@tapr.org>; Tue, 15 Oct 1996
18:59:45 -0500 (CDT)
Received: from chs0105.awod.com (chs0105.awod.com [198.81.225.64]) by
sumter.awod.com (8.7.6/8.6.12) with SMTP id TAA05748 for <aprssig@tapr.org>; Tue,
15 Oct 1996 19:59:40 -0400 (EDT)
Message-Id: <199610152359.TAA05748@sumter.awod.com>
X-Sender: glittle@awod.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 15 Oct 1996 20:10:17 -0400
To: aprssig@tapr.org
From: Glenn Little <glittle@awod.com>
Subject: Re: [APRSSIG:5574] Newbie GPS Question - Antenna

At 10:59 PM 10/13/96 -0500, you wrote:

>Well, I went one better (I thought) and built a little ground plane - a 1.8"
>piece of wire (the center of the RG-174 coax) sticking out of a ground plane (a
>3.6" diameter disk of PC Board material). Took it outside, nothing. Well, it
>kept finding one satellite (the \$GPGSV sentence said), but not much else.
So, I
>took it to a better spot (lots of tall trees where I live), and it began
listing
>8 satellites - the az/el data was there, but no C/N ratio - obviously, it
wasn't
>tracking. My conclusion was that there wasn't enough signal.
>

How long is the RG-174 coax?? This cable is extremely lossy at GPS freqs.

This may be part of the no signal condition.

Glenn Little
WB4UIV

WB4UIV@amsat.org
glittle@awod.com

From alan@ernest.itg.ti.com Tue Oct 15 19:03:32 1996
Received: from gatekeep.ti.com (news.ti.com [192.94.94.33]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id TAA19475 for <aprssig@tapr.org>; Tue, 15 Oct 1996
19:03:30 -0500 (CDT)
Received: from robin.itg.ti.com ([128.247.31.238]) by gatekeep.ti.com (8.6.13)
with ESMTP id TAA21683 for <aprssig@tapr.org>; Tue, 15 Oct 1996 19:02:58 -0500
Received: from ernest.itg.ti.com (ernest.itg.ti.com [128.247.54.194]) by
robin.itg.ti.com (8.7.3/8.6.11) with SMTP id SAA22824 for <aprssig@tapr.org>; Tue,
15 Oct 1996 18:55:01 -0500 (CDT)
Received: by ernest.itg.ti.com (Smail3.1.28.1 #4)
id m0vDJR2-00009XC; Tue, 15 Oct 96 19:02 CDT
Message-Id: <m0vDJR2-00009XC@ernest.itg.ti.com>
From: alan@ernest.itg.ti.com (Alan Edmonds)
Subject: Winston Solar Challenge '97
In-Reply-To: <19961013.005419.5375.0.KD4EMI@juno.com> from "Michael A. Kantor" at
"Oct 12, 96 11:54:16 pm"
To: aprssig@tapr.org
Date: Tue, 15 Oct 1996 19:02:05 -0500 (CDT)
Cc: wsc97@ernest.itg.ti.com
Organization: Texas Instruments, Inc. Plano TX
X-Mailer: ELM [version 2.4ME+ PL26 (25)]
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi all,

The Texas Instruments Amateur Radio Club, callsign K5DM, will be in charge of communications for the 1997 Winston Solar Challenge. This will be held July 23rd through July 27th, 1997 from Dallas TX to Austin TX. Right now, 22 teams are entered, but we expect some dropouts. The race will last 3 days; each evening all teams will gather at the days' end checkpoint. That way we won't get the teams spread out too much. Each team will travel 80 to 120 miles day. Top speed of some cars is expected to be 50 to 60 mph (downhill, noon, tailwind :-)).

This has got APRS written all over it. But, we have several problems to solve. The distances will be too great for 2m. There are few 2m repeaters over the race course. We'd also like to update a HQ in Dallas with race snapshots; maybe via HF gateway. Also, if we have 22 teams, how do we get 22 standalone trackers? Donations? As you can see, lots of questions.

Anyway, you can see this is an exciting opportunity for APRS.

I know other clubs have run similar events and I don't want to reinvent

the wheel. I would appreciate any and all comments.

If you want to be involved, drop me a line. If you have any ideas or comments, post to the list or send to me. I'll keep the aprssig updated on our progress; and any major unsolvable problems :-)

--

| | |
|--|-------------------------|
| Alan Edmonds, KB5ZUY | Texas Instruments, Inc. |
| System Administrator, Composer Development | M/S 8515 |
| Phone: +1-972-575-6427 | 6620 Chase Oaks Blvd. |
| Email: Alan.Edmonds@ti.com | Plano, TX, USA 75023 |

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| | |
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| Phone: +1-972-575-6427 | 6620 Chase Oaks Blvd. |
| Email: Alan.Edmonds@ti.com | Plano, TX, USA 75023 |

From wd5ivd@tapr.org Tue Oct 15 20:15:37 1996
Received: (from wd5ivd@localhost) by tapr.org (8.7.5/8.7.3/1.9) id UAA22333; Tue, 15 Oct 1996 20:15:33 -0500 (CDT)
From: Greg Jones <wd5ivd@tapr.org>
Message-Id: <199610160115.UAA22333@tapr.org>
Subject: TAPR Beta-Test of MIC-E APRS Units
To: tapr-bb@tapr.org (TAPR-BB mailing), aprssig@tapr.org (APRS SIG)
Date: Tue, 15 Oct 1996 20:15:32 -0500 (CDT)
Cc: aprs-fl@tapr.org
X-Mailer: ELM [version 2.4 PL25]
Content-Type: text

TAPR to begin Beta-test of APRS MIC-E (Mic encoder) units

TAPR is selecting a small group of people to beta-test (or beta-use) the upcoming MIC-E APRS adapter. The MIC-E (Mic Encoder) installs between your radio mic and radio and allows your GPS unit to transmit APRS AX.25 frames at designated intervals without needing a TNC! Very useful in many settings. You can listen to a discussion of the MIC-E by Bob Bruninga, WB4APR on <http://www.tapr.org/tapr/html/virtual.html>

The units are a semi-kit. This means that the board has already been assembled, but interface wires, box, and other items will still need to be configured and assembled for proper use. A Garmin GPS-20 can be installed installed directly on top of the board, inside the enclosure.

The purpose of beta-testing is to help generate and correct the kit documentation, ensure hardware problems are nonexistent in more variations not possible during the alpha-test, and that the software is functioning adequately in a wider range of applications. In addition, these beta-testers will become the core expert group to help others when the units are made available to everyone. Beta-testers will be responsible for communicating during the beta-testing using an Internet e-mail list. Regular access to Internet e-mail is required.

Beta-test units will be made available to those selected at break-even cost.

If you would like to participate in the APRS MIC-E Beta-Test, you will need to check

<http://www.tapr.org/tapr/html/mic-e.question.html>

and fill out the questions in as much depth as possible. Since there will be a limited number of Beta units available, this information will be used to select the best possible group for testing the units.

Tucson Amateur Packet Radio

8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399 * 817-383-0000

e-mail: TAPR@TAPR.ORG ftp: ftp.tapr.org web: <http://www.tapr.org/tapr>

From w4wwq@juno.com Tue Oct 15 20:37:32 1996

Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA23775 for <aprssig@tapr.org>; Tue, 15 Oct 1996 20:37:30 -0500 (CDT)

Received: (from w4wwq@juno.com) by x3.boston.juno.com (queueemail) id UAA11952; Tue, 15 Oct 1996 20:43:29 EDT

To: aprssig@tapr.org

Date: Tue, 15 Oct 1996 19:05:55 PST

Subject: Subject: Eastern NC activity nil

Message-ID: <19961015.192116.4543.0.W4WWQ@juno.com>

X-Mailer: Juno 1.00

X-Juno-Line-Breaks: 0-26

From: w4wwq@juno.com (Peter J Lascell)

Just spent the weekend travelling from Lynchburg, VA to Wilmington, NC via Danville, Hillsboro, I-40 around Raleigh, Benson, and south to Wilmington. No activity in NC on the trip down, but there was ONE packet burst on 145.79 on the way back about 25 miles south of Benson on I-40 out in the middle of almost nowhere. (Benson is the intersection of I-40 and I-95).

Previous trips have had less results, to the point it is a waste of time putting all the gear in the car, but I do listen to 145.79 and set the squelch loose. Nothing is heard except for the squeel of brakes when a passing radar detector gets into the beam of my gunplexer.

Wonder if this "brake" response counts as a two way communications? The signal was sent, and there was a reply.

If it is digital communications, it would be classified as real sloooooow baud.

Pete Lascell
W4WWQ@juno.com

--AAL10473.845355122/x3.boston.juno.com--

----- End forwarded message -----

From z004391b@bcfreenet.seflin.lib.fl.us Tue Oct 15 21:32:43 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us
[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA25782 for
<aprssig@tapr.org>; Tue, 15 Oct 1996 21:32:40 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)
id WAA04639; Tue, 15 Oct 1996 22:32:06 -0400
Date: Tue, 15 Oct 1996 22:32:05 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:5607] Re: Newbie GPS Question - Antenna
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <9610141811.aa28765@cruzio.com>
Message-ID: <Pine.3.89.9610152247.D29607-01000000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes, I understood that the stock antenna does have a preamp in it, but I understood that it is located in the antenna itself, which is why they provide the 5 volts at the BNC. This is more reason to be amazed at the little homemade dipole working so well. It was running without the benefit of the preamp, being connected directly to the BNC with a hunk of low-loss coax.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

On Mon, 14 Oct 1996, David Wells wrote:

> At 06:27 PM 10/14/96 -0500, you wrote:
> >I have a Garmin 75 and it has an excellent removable antenna. I played a
> >bit with a tiny dipole and it worked fine except it had about a third to
> >a half of the signal indication as the Garmin antenna.
> >
> >The dipole will work, if your unit is working ok.
> >
> >
> >John W. Wilson, KN4HX
> >z004391b@bcfreenet.seflin.lib.fl.us
> >
> >
> The G75 antenna has a preamp in it which helps out a bit.

>
> Dave KD6TO
> David L. Wells KD6TO (KD6 Teletype Operator)
> INTERNET: davew@cruzio.com
> Watsonville, CA USA
>

From z004391b@bcfreenet.seflin.lib.fl.us Tue Oct 15 21:39:59 1996
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA26180 for <aprssig@tapr.org>; Tue, 15 Oct 1996 21:39:58 -0500 (CDT)
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id WAA07455; Tue, 15 Oct 1996 22:39:24 -0400
Date: Tue, 15 Oct 1996 22:39:24 -0400 (EDT)
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:5610] trimble board & KPC-3
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <2.2.16.19961014195711.29ef5dce@inland.net>
Message-ID: <Pine.3.89.9610152242.E29607-0100000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The Garmin runs a 'Garmin - Garmin' mode, which is not the normal NMEA 0183 (4800 baud) mode. You may be aware of this, but just a reminder. The fact that the Garmin does transmit data on the wire is good, it may not be set to the proper protocol.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

From morganb@inetport.com Tue Oct 15 22:26:41 1996
Received: from admin.inetport.com (inetport.com [206.64.12.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA28492 for <aprssig@tapr.org>; Tue, 15 Oct 1996 22:26:33 -0500 (CDT)
Received: from mail.inetport.com (pm1_119.inetport.com [206.64.12.119]) by admin.inetport.com (8.7.5/8.7.3) with SMTP id WAA04066 for <aprssig@tapr.org>; Mon, 15 Jan 1996 22:26:33 -0600 (CST)
Date: Mon, 15 Jan 1996 22:26:33 -0600 (CST)
Message-Id: <199601160426.WAA04066@admin.inetport.com>
X-Sender: morganb@inetport.com (Unverified)
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: morganb@inetport.com (Robert B. Morgan)
Subject: Re: [APRSSIG:5639] Winston Solar Challenge '97

Per Alan Edmonds-

>

>The Texas Instruments Amateur Radio Club, callsign K5DM, will be in

>charge of communications for the 1997 Winston Solar Challenge. This will
>be held July 23rd through July 27th, 1997 from Dallas TX to Austin TX.

SNIP

>This has got APRS written all over it. But, we have several problems to
>solve. The distances will be too great for 2m. There are few 2m
>repeaters over the race course. We'd also like to update a HQ in Dallas
>with race snapshots; maybe via HF gateway. Also, if we have 22 teams,
>how do we get 22 standalone trackers? Donations? As you can see, lots
>of questions.

SNIP

| | |
|---|-------------------------|
| >Alan Edmonds, KB5ZUY | Texas Instruments, Inc. |
| >System Administrator, Composer Development | M/S 8515 |
| >Phone: +1-972-575-6427 | 6620 Chase Oaks Blvd. |
| >Email: Alan.Edmonds@ti.com | Plano, TX, USA 75023 |

We (TRPS) added a local 1200b user port to the node at Moody last spring, it became operational shortly before HamCom. It is somewhat obscure, and sees little use, but has some kind of range, being located several hundred feet up. When I range-checked it on the way to HamCom this last summer, I started hearing it at Round Rock, and lost it somewhere around Waxahachie. It works as both a digipeater and TexNet node. We even have a little bit of telemetry on it. (That range check was by audible copy only, not working packet on I35, roughly MP 250 to MP 380).

While I have some plans (previously discussed on this SIG) to add some code to TexNet to handle unconnected APRS traffic over the network, it remains a concept only at this time, and I am hampered by lack of codespace to do very much. In connected mode it would certainly get back to Dallas over the network, assuming the network is intact at the time it is needed.

That unit is on 440.100, and is being run on a duplexer with the 445.100 trunk. Maybe not an APRS freq, but a usable digi. Of course, next summer is a long ways off, when it comes to predicting equipment being operational, particularly that site, which is hard to get to since all electronics is up there at the antenna, on a TV TX tower. Likewise for trying to update the EPROM in that remote node.

There is also a 2M repeater located on that tower, even higher, on 145.15, and is operated by the folks in Waco. It also has pretty good range. Right now it is giving some apparent trouble though. As I recall, there is some provision on that system for a link back into Ft Worth for SKYWARN use.

You might want to keep both these systems in mind.

73 de Bob WB5AOH
Austin, Tx

From ke4htm@bluenet.net Tue Oct 15 23:32:00 1996
Received: from prophet.bluenet.net (prophet.bluenet.net [205.244.98.3]) by

tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA01096 for <aprssig@tapr.org>; Tue, 15 Oct 1996 23:31:58 -0500 (CDT)
Received: from ke4htm.bluenet.net by prophet.bluenet.net via SMTP (940816.SGI.8.6.9/940406.SGI)
for <aprssig@tapr.org> id AAA10741; Wed, 16 Oct 1996 00:17:35 -0700
Message-Id: <2.2.32.19961016043156.00679adc@bluenet.net>
X-Sender: ke4htm@bluenet.net
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 16 Oct 1996 00:31:56 -0400
To: aprssig@tapr.org
From: "Jamie R. Dean" <ke4htm@bluenet.net>
Subject: The Western NC APRS & Ham Radio Home Page

Been alot of work going on at The Western North Carolina APRS & Ham Radio Home Page. Added some new info. like repeater freqs for the U.S. and links to Weather sites to get the local forecast, storm or hurricane data. So come by and check it out. Going be adding more APRS stuff ASAP.

<http://www.bluenet.net/ke4htm>

Jamie - KE4HTM

From sdimse@bridge.net Wed Oct 16 05:50:59 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA16774 for <aprssig@tapr.org>; Wed, 16 Oct 1996 05:50:58 -0500 (CDT)
Received: from (ppp-mia1-52.bridge.net [204.253.4.52]) by bridge.net (8.7.5/8.7.3) with SMTP id GAA27827 for <aprssig@tapr.org>; Wed, 16 Oct 1996 06:46:52 -0400 (EDT)
Message-Id: <199610161046.GAA27827@bridge.net>
Subject: javAPRS Help
Date: Wed, 16 Oct 96 06:50:55 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

I need help from all those who have used javAPRS. There seems to be a strange bug where some stations are lost by different versions of Netscape/OS combinations.

Please look at:

<http://www.peel.com/test.html>

After the stations display, hit 'L', then open the java console. If possible copy the text from the station list (between the ***** lines), or at least report to me how many stations are in the list.

Send reports with operating system version, browser type and version, and the station list to

sdimse@bridge.net

(Please don't waste the SIG bandwidth...reply directly to me. Thanks

73 de Steve

(What hurricane...we ain't afraid of no stinking 'Lili'!)

From sdimse@bridge.net Wed Oct 16 06:16:53 1996

Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA17252 for <aprssig@tapr.org>; Wed, 16 Oct 1996 06:16:52 -0500 (CDT)

Received: from (ppp-mia1-52.bridge.net [204.253.4.52]) by bridge.net (8.7.5/8.7.3) with SMTP id HAA00552 for <aprssig@tapr.org>; Wed, 16 Oct 1996 07:12:46 -0400 (EDT)

Message-Id: <199610161112.HAA00552@bridge.net>

Subject: Re: [APRSSIG:5641] Subject: Eastern NC activity nil

Date: Wed, 16 Oct 96 07:16:50 -0400

x-sender: sdimse@mail.bridge.net

x-mailer: Claris Emailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

>Previous trips have had less results, to the point it is a waste of time
>putting all the gear in the car, but I do listen to 145.79 and set the
>squelch loose. Nothing is heard except for the squeel of brakes when a
>passing radar detector gets into the beam of my gunplexer.

>

After my trip, I have come to the conclusion that without HF, it is pretty much a waste of time to bring along APRS on a cross country trip.

>Wonder if this "brake" response counts as a two way communications? The
>signal was sent, and there was a reply.

>

Sure...it'd be cross-band though, wouldn't count for awards! Reminds me of the time a friend of mine, who works for the Florida Highway Patrol, tried to send me morse code with his radar unit. Turned out the response of my radar detector was too slow...

73 de Steve K04HD

From hgoldste@bbs.mpcs.com Wed Oct 16 06:31:42 1996

Received: from bbs.mpcs.com (hgoldste@bbs.mpcs.com [204.215.226.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA17622 for <aprssig@tapr.org>; Wed, 16 Oct 1996 06:31:40 -0500 (CDT)

Received: (from hgoldste@localhost) by bbs.mpcs.com (8.8.0/8.8.0/MPCS) id HAA04076; Wed, 16 Oct 1996 07:31:38 -0400

Date: Wed, 16 Oct 1996 07:31:38 -0400

From: Howard Goldstein <hgoldste@bbs.mpcs.com>
Message-Id: <199610161131.HAA04076@bbs.mpcs.com>
To: aprssig@tapr.org
Subject: [APRSSIG:5633] GPS Parity algorithm?
In-Reply-To: <199610152048.QAA03607@penny.n2wx.ampr.org>
Reply-To: hgoldste@bbs.mpcs.com

In article <199610152048.QAA03607@penny.n2wx.ampr.org>, you wrote:
: Does anyone have in emailable form the parity algorithm used in GPS
: and RTCM messages?

<http://www.navcen.uscg.mil/gps/reports/sigspec/sigspec.htm>

This carries pointers to .pdf (ugh) files with the entire GPS signal spec, free for the downloading.

(I know, replying to my own posting...)

--
Howard Goldstein <hgoldste@bbs.mpcs.com>

From geoff@maf.mobile.al.us Wed Oct 16 08:32:18 1996
Received: from ns1.maf.mobile.al.us (ns1.maf.mobile.al.us [206.202.0.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA21268 for <aprssig@tapr.org>; Wed, 16 Oct 1996 08:32:17 -0500 (CDT)
Received: from ns1 by ns1.maf.mobile.al.us (5.x/SMI-SVR4) id AA24288; Wed, 16 Oct 1996 08:28:41 -0500
Date: Wed, 16 Oct 1996 08:28:37 -0500 (CDT)
From: Geoff Peacock <geoff@maf.mobile.al.us>
X-Sender: geoff@ns1
To: aprssig@tapr.org
Subject: Ultimeter 2000 & Tiny 2
Message-Id: <Pine.SOL.3.91.961016082642.23724E-100000@ns1>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Trying to interface Ult 2000 to a Tiny 2 for standalone APRS operation. 2000 is not standard rs232 I assume as no data gets to Tiny 2. Anyone got a fix ?

I looked in Oct mail archives but no mention of this problem.

Thx.

Geoff Peacock
Mobile Area Free-Net, Inc.
-----o00__ ()__o0o_
geoff@maf.mobile.al.us (334) 405-4600

From busch_th@se.crane.navy.mil Wed Oct 16 08:49:45 1996
Received: from cobra.nwscc.sea06.navy.mil (cobra.nwscc.sea06.navy.mil [130.163.65.90]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTMP id IAA22090 for

<aprssig@tapr.org>; Wed, 16 Oct 1996 08:49:43 -0500 (CDT)
Received: from avoca.se.crane.navy.mil (avoca.se.crane.navy.mil [130.163.8.61]) by cobra.nwscc.sea06.navy.mil (8.7.6/8.7.3) with ESMTP id IAA25041 for <aprssig@tapr.org>; Wed, 16 Oct 1996 08:49:36 -0500 (CDT)
Received: from AVOCA/SpoolDir by avoca.se.crane.navy.mil (Mercury 1.21); 16 Oct 96 08:49:36 -0500 (EST)
Received: from SpoolDir by AVOCA (Mercury 1.21); 16 Oct 96 08:49:16 -0500 (EST)
Received: from TOMB by avoca.se.crane.navy.mil (Mercury 1.21) with ESMTP; 16 Oct 96 08:49:15 -0500 (EST)
From: "Tom Busch" <busch_th@se.crane.navy.mil>
To: <aprssig@tapr.org>
Subject: Bloomington Hilly Hundred
Date: Wed, 16 Oct 1996 08:48:08 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
Message-ID: <2B77BE62C21@avoca.se.crane.navy.mil>

Hello...

Bloomington, Indiana will host the Hilly Hundred bike ride this weekend. We will be trying out APRS at the event, equipping several of the SAG vehicles with trackers.

If anyone on the SIG is participating in the ride, you can get more information from me. For anyone bringing their GPS, we will be operating on 145.79, with portable digis, alias RELAY. Bloomington WIDE digi is WD9EVK-1.

Voice frequency is 146.64, and hams participating in the ride are encouraged to check in at the communications center at Hilly HQ.

From ddobbins@juno.com Wed Oct 16 08:58:02 1996
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA22228 for <aprssig@tapr.org>; Wed, 16 Oct 1996 08:58:00 -0500 (CDT)
Received: (from ddobbins@juno.com) by x11.boston.juno.com (queueemail) id JAC09658; Wed, 16 Oct 1996 09:56:28 EDT
To: aprssig@tapr.org
Date: Thu, 10 Oct 1996 07:48:36 PDT
Subject: Re: Subject: Eastern NC activity nil
Message-ID: <19961010.065511.4519.2.ddobbins@juno.com>
References: <199610161112.HAA00552@bridge.net>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0-8,17-22,24-25
From: ddobbins@juno.com (David S Dobbins)

Steve Dimse/K04HD wrote:

Sure...it'd be cross-band though, wouldn't count for awards! Reminds me of the time a friend of mine, who works for the Florida Highway Patrol, tried to send me morse code with his radar unit. Turned out the response of my radar detector was too slow...

73 de Steve K04HD

So what exactly was he sending??? S L O W D O W N ???

Re VHF or HF in mobile: Been there, done that, with VHF only. Had minimal contacts from AZ to TX and back, AZ to MT and WA, but collected great HSTs which I used to error-correct the existing maps, and build new maps. Had at least one contact each trip, so to me it was worth the while. Drove around San Diego and had 2-3 pages of VHF stuff (that was awhile ago, probably more now). Drove through Salt Lake City and had 2-3 contacts, one, Doug/KC7CO, now a resident of Seattle and good friend. I've made alot of new friends from this hobby, and especially while mobile APRS on VHF.

| | |
|------------------------|---|
| David S. Dobbins/WH6YC | Pacific Northwest APRS Coordinator |
| POB 553 404 N Third St | Email: ddobbins@juno.com |
| Pe Ell, WA 98572-0553 | VHF 147.06 T110.9, or 145.43 |
| tel: 360-291-3707 | APRS 145.79, 145.75 |
| pager: 800-514-7489 | "In GOD we trust, all others we track by GPS" |

From wa4dsy@wa4dsy.radio.org Wed Oct 16 10:28:40 1996
Received: from wa4mei.radio.org (wa4mei.radio.org [206.28.192.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA25403 for <aprssig@tapr.org>; Wed, 16 Oct 1996 10:28:39 -0500 (CDT)
Received: by wa4mei.radio.org (/=\=/\ Smail3.1.28.1 #28.8)
id <m0vDXtb-0001TAC@wa4mei.radio.org>; Wed, 16 Oct 96 11:28 EDT
Message-Id: <m0vDXtb-0001TAC@wa4mei.radio.org>
Date: Wed, 16 Oct 96 11:28:34 edt
From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)
To: aprssig@tapr.org
X-Mailer: Dale Heatherington's PMMail v1.1
Subject: Atl. OS/2 Java APRS Server moved

I've moved my APRS server from <http://wa4dsy-3.wa4dsy.radio.org/Xaprs>
to: <http://www.wa4dsy.radio.org/aprs/>

Most of you were already accessing it through links at this URL
and won't be affected.

This is where is was originally before I put it on my debug machine
to work out the kinks. Now that it's debugged I've put it back
on the server where it belongs.

Those of you who were accessing the JavAPRS applet directly
or had web page links to any wa4dsy-3 addresses
will need to change your URL.

Dale Heatherington, WA4DSY
e-mail - wa4dsy@wa4dsy.radio.org

e-mail - daheath@ibm.net (in case the first one doesn't work)

Web page - <http://www.wa4dsy.radio.org>

This message brought to you by OS/2 Warp v4

From wd5ivd@tapr.org Thu Oct 17 10:30:20 1996

Received: (from wd5ivd@localhost) by tapr.org (8.7.5/8.7.3/1.9) id NAA00300; Wed, 16 Oct 1996 13:15:18 -0500 (CDT)

From: Greg Jones <wd5ivd@tapr.org>

Message-Id: <199610161815.NAA00300@tapr.org>

Subject: TAPR GPS-20 Group Purchase Update

To: aprssig@tapr.org (BBS SIG mailing), aprs-fl@tapr.org,
tapr-bb@tapr.org (TAPR-BB mailing)

Date: Wed, 16 Oct 1996 13:15:17 -0500 (CDT)

X-Mailer: ELM [version 2.4 PL25]

Content-Type: text

TAPR GPS-20 Group Purchase Information

Due to the popularity of the GPS-20 group buys, TAPR plans on just taking continuous orders. Thus, TAPR will take orders for around 100 units and then do a purchase and then start another buy right away. Please remember that an order with payment must be received to get a unit -- this is NOT a collection list for purchase.

The current GPS-20 orders are being shipped this week and next. TAPR is now taking orders for another batch of 100 units.

Full details can be found on: www.tapr.org

Tucson Amateur Packet Radio

8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399 * 817-383-0000

e-mail: TAPR@TAPR.ORG ftp: [ftp.tapr.org](ftp://ftp.tapr.org) web: <http://www.tapr.org/tapr>

From w4wwwq@juno.com Thu Oct 17 10:40:09 1996

Received: from r1.boston.juno.com (r1.boston.juno.com [205.231.100.241]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA05211 for <aprssig@tapr.org>; Thu, 17 Oct 1996 10:40:08 -0500 (CDT)

From: w4wwwq@juno.com

Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by r1.boston.juno.com (8.6.13/8.7.Alpha.4/1.34.kim) with ESMTP id IAA16283 for <aprssig@tapr.org>; Thu, 17 Oct 1996 08:38:06 -0400

Received: (from w4wwwq@juno.com) by x3.boston.juno.com (queuemail) id IAA04778; Thu, 17 Oct 1996 08:28:37 EDT

To: aprssig@tapr.org

Date: Thu, 17 Oct 1996 08:27:33 PST

Subject: 7.7C fails

Message-ID: <19961017.082740.9759.0.W4WWQ@juno.com>

X-Mailer: Juno 1.00

X-Juno-Line-Breaks: 8-17,20-21,23-24,27-35

After getting back to live APRS I find that I am getting a lot of failures of APRS. The screen locks up. It was suggested that the earlier version I was running didn't deal well with this type of problem, and I should try the latest. So, now running 7.7C, there is still a lock up problem. It appears as a bright red band, about 8 lines high, horizontal across the middle of the screen covering the map underneath. Within the red band, in normal text size, the following usually appears every time I check the screen after being unattended for hours:

LM,PM: 77 1

A\$:KE4JJU-3>APRS,WIDE*:*F0072000000000

C\$:

ES\$finished Parsepak1z 3371z 3.725352E-41

000PS! ERR number 6 Hit ENTER to resume or Q to Quit?

Only if the ENTER key is the next action will it resume and then a space bar is needed to redraw the map. Any other key will dump it back to DOS.

I have seen a similar error, but number 5, on the screen in the last 10 days but the rest of the text appeared similar in format and call sign.

Rumors is that there is a negative number being sent from a wx station. Is it from the call that ends up on the screen (in this case KE4JJU-3) or is it an unknown station going thru KE4JJU-3?

Is anyone else having this problem or have ideas to avoid it?

I use a 286 12MHz with math co-processor and MFJ 1270 TNC if it matters.

Pete Lascell
W4WWQ@juno.com

From rkramer@merge1.mergetel.com Thu Oct 17 10:40:25 1996

Received: from mergetel.com (root@merge1.mergetel.com [207.107.54.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA05233 for <aprssig@tapr.org>; Thu, 17 Oct 1996 10:40:24 -0500 (CDT)

Received: from slip13.mergetel.com by mergetel.com (SMI-8.6/SMI-SVR4)
id PAA23821; Wed, 16 Oct 1996 15:04:36 -0400

From: rkramer@merge1.mergetel.com (Ronald Kramer)

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5649] Ultimeter 2000 & Tiny 2

Date: Wed, 16 Oct 1996 19:07:45 GMT

Message-ID: <32653210.1434146@mail.mergetel.com>

References: <Pine.SOL.3.91.961016082642.23724E-100000@ns1>

In-Reply-To: <Pine.SOL.3.91.961016082642.23724E-100000@ns1>
X-Mailer: Forte Agent .99e/16.227

On Wed, 16 Oct 1996 08:33:12 -0500 (CDT), you wrote:

>Trying to interface Ult 2000 to a Tiny 2 for standalone APRS operation.
>2000 is not standard rs232 I assume as no data gets to Tiny 2. Anyone
>got a fix ?

I think you need a null modem cable for it to work as both
devices are dte units. Also make shure that your tn timer
is set to 2400 baud for the RS 232 and that the String is
set to look for !! string from the U2000

Hope this info helps

73 de Ron
Email: rkramer@mergetel.com ve3mx@mergetel.com
Packet: ve3mx@ve3snp

Best Regard

From usdcc3h5@ibmmail.com Thu Oct 17 10:44:06 1996
Received: from MIDVM01.DOWCORNUSA.COM ([207.40.100.11]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA05398 for <aprssig@tapr.org>; Thu, 17 Oct 1996
10:42:49 -0500 (CDT)
Received: from glfuller.MP.DOWCORNUSA.COM by MIDVM01.DOWCORNUSA.COM
(IBM VM SMTP V2R2) with TCP; Thu, 17 Oct 96 08:52:05 EST
Message-ID: <32665612.1251@ibmmail.com>
Date: Thu, 17 Oct 1996 08:51:46 -0700
From: Gerald Fuller <usdcc3h5@ibmmail.com>
Organization: Dow Corning Corporation
X-Mailer: Mozilla 2.01 (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: APRS REGISTRATION
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob; I'm a new user of the APRS program. I have a down loaded copy of the
program version# 7.7a; my question: is this the latest version. I plan on
sending my "REGISTRATION" in but if I have the latest version then I can
save the \$9.00. Please let me know...thanks.

Jerry (WA8EQP)

From sdimse@bridge.net Thu Oct 17 10:45:00 1996
Received: from bridge.net (root@newworld.bridge.net [204.253.4.4]) by tapr.org
(8.7.5/8.7.3/1.9) with ESMTP id KAA05522 for <aprssig@tapr.org>; Thu, 17 Oct 1996
10:44:56 -0500 (CDT)
Received: from (ppp-mia2-84.bridge.net [204.253.4.84]) by bridge.net (8.7.5/8.7.3)
with SMTP id IAA14895 for <aprssig@tapr.org>; Thu, 17 Oct 1996 08:10:57 -0400
(EDT)
Message-Id: <199610171210.IAA14895@bridge.net>

Subject: javAPRS and Netscape Bug!
Date: Thu, 17 Oct 96 08:14:57 -0400
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

The problem with javAPRS seems to be limited to Windows95 and Netscape 3.0, although I have no reports from W95 and Internet Explorer users. In investigating this it seem that other applets have had problems running under Netscape's Just In Time (JIT) compiler, presently only included in the Windows version of 3.0. It seems that the problem is in the exception handling code, that fails to properly call the "catch" routine if an exception occurs. This error handling code is central to the working of Java (and javAPRS). I will be trying to come up with a work-around, but until then, be aware that W95/Netscape3.0 users are only seeing about 1/3 of the stations actually appearing.

But, it ain't MY fault!

Steve K04HD

From garnold@naples.net Thu Oct 17 10:46:03 1996
Received: from gator.naples.net (root@gator.naples.net [205.160.191.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA05605; Thu, 17 Oct 1996 10:46:01 -0500 (CDT)
Received: from port04.annex1.naples.net (port04.annex1.naples.net [205.160.191.53]) by gator.naples.net (8.6.9/8.6.12) with SMTP id UAA21118; Wed, 16 Oct 1996 20:14:04 -0400
Message-ID: <3265DCE7.6E8C@naples.net>
Date: Thu, 17 Oct 1996 00:14:47 -0700
From: Gary Arnold <garnold@naples.net>
Reply-To: garnold@naples.net
Organization: Collier County Emergency Management
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: APRS FL Sig <aprs-fl@tapr.org>, APRS SIG <aprssig@tapr.org>
Subject: Collier County EOC beaconing WX
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As of 2250z on 16 October, Collier County (FL) Eoc is beaconing WX data from a new Davis Bros. Monitor II. The system is online thanks to a day's hard work from KG5QD and WB3TIH while we on the staff were busy with Tropical Storm LILI. The system has temp, barometer and wind dir/speed and a self tipping rain guage (.01 inches) available. Humidity will be available as soon as our replacement sensor arrives (if the s/w will carry it...I really am not quite up to speed!).

When looking at our wind data, keep in mind that the anemometer is on top of an 8 story building, some 130 feet in the air...so readings will

likely be somewhat higher than the surface.

73,
Gary WB2WPA

--

Gary Arnold CEM
Coordinator, Collier County (FL) Emergency Management
garnold@naples.net
76656.2753@compuserve.com
[Packet radio] wb2wpa@wb2wpa.#nap.fl.usa.noam

EM pages: "http://www.naples.net/govern/county/emrgmt/zccem1.htm"
Personal page: "http://www.naples.net/govern/county/emrgmt/garnold.htm"

"I went to a restaurant that serves 'breakfast at any time'. I ordered
French Toast during the Renaissance."

-- Steven Wright, perpipheral visionary

From kc6wya@bdt.com Thu Oct 17 10:50:31 1996
Received: from bdt.bdt.com (root@bdt.com [140.174.173.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id KAA06285 for <aprssig@tapr.org>; Thu, 17 Oct 1996
10:50:30 -0500 (CDT)
Received: by bdt.bdt.com (/oo/\ Smail3.1.29.1 #29.6)
id <m0vDnp8-001MILC@bdt.bdt.com>; Thu, 17 Oct 96 01:29 PDT
Received: from noident@cust41.max5.santa-clara.ca.ms.uu.net(153.34.138.169) by bdt
via smap (V1.3bdt)
id sma007752; Thu Oct 17 01:28:27 1996
Message-ID: <3265EDCC.749A@bdt.com>
Date: Thu, 17 Oct 1996 01:26:52 -0700
From: Barry Winkler <kc6wya@bdt.com>
Reply-To: kc6wya@bdt.com
X-Mailer: Mozilla 3.0 (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
CC: caldis@bdt.com, ndraper@earthlink.net, wd9biv@earthlink.net,
bbliss@juno.com
Subject: APRS AND PACIFICON 96
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

PACIFICON 96 AND APRS

HELLO AND THANKS FOR READING

WELL IT IS THAT TIME OF YEAR AGAIN AND APRS IS ALIVE AND WELL
AT PACIFICON IN CONCORD,CA. ON OCT.18-19-20 APRS WILL SET UP SOME TIME
ON FRIDAY THE 18 AND RUN TILL SUN THE 20 . ALL CA APRS STATIONS ARE
ASKED TO BE ON THE AIR. ANY GATES WOULD HELP ALOT !!!
THE BAY AREA MOBILES ARE ASKED TO HAVE YOUR TRACKER ON AND THIS WILL GET

ALOT OF HAM'S HOOKED. APRS DEMO IS AT 11:00 <AM> TO 12:00 NOON.

THERE IS AN APRS DIGI SYSOP MEETING AT 12:00 NOON AT THE APRS ROOM ON SATURDAY THE 19th

PACIFICON IS AT THE CONCORD HILTON ON DIAMOND BLVD OFF OF HWY 680 IN CONCORD CA HOME OF THE MOUNT DIABLO ARC AND THE ROCKY RIDGE REPEATER GROUP WHO HAS SUPPORTED APRS FOR A LONG TIME.

APRS NET ON TUESDAYS AT 19:30 ON 147.060 + p1 100
NET CONTROL ARE BARRY WINKLER KC6WYA AND HOWARD BURK KE6PTT
AND I WOULD LIKE TO THANK BILL WB6LPG AND KEN W7KKE WHO GOT ALL IF US
HOOK

SEE YOU AT PACIFICON ON APRS

THX BARRY KC6WYA
73'S AND GO APRS

From 0004818186@mcimail.com Thu Oct 17 10:52:04 1996
Received: from gatekeeper.mcimail.com (gatekeeper.mcimail.com [192.147.45.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA06337 for <aprssig@tapr.org>; Thu, 17 Oct 1996 10:52:02 -0500 (CDT)
Received: from mailgate.mcimail.com (mailgate.mcimail.com [166.40.135.3]) by gatekeeper.mcimail.com (8.6.12/8.6.10) with SMTP id VAA19985; Wed, 16 Oct 1996 21:15:57 GMT
Received: from mcimail.com by mailgate.mcimail.com id aa08974;
16 Oct 96 21:19 WET
Date: Wed, 16 Oct 96 16:18 EST
From: Miami Network <0004818186@mcimail.com>
To: aprssig <aprssig@tapr.org>
Subject: Re: [APRSSIG:5649] Ultimater 2000 & Tiny 2
Message-Id: <55961016211855/0004818186NA4EM@MCIMAIL.COM>

Correct the Ultima 2000 is not a fully implemented RS-232. In order to get the unit to work as a standalone the TNC Must be intelligent and have the ability to identify the input string.

On the KPC-3 the TNC has a GPS Mode and the Ultima 2000 uses the GPS to send what would ordinarily be the GPS sentence. The String is prefixed with two !!.

If the Tiny 2 Does not have a GPS mode capability so that it can detect the input string of a GPS it will not work with the Ultima 2000 as a standalone.

The Old Tiny 2 that I had which I swapped for a KPC-3 was the reason for the change in TNC's.

73, Seymour, KC4NMY
miaminet@mcimail.com

From jclakeland@ucdavis.edu Thu Oct 17 11:07:43 1996
Received: from franc.ucdavis.edu (root@franc.ucdavis.edu [128.120.8.183]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA08027 for <aprssig@tapr.org>; Thu, 17
Oct 1996 11:07:41 -0500 (CDT)
Received: from DialupEudora by franc.ucdavis.edu (8.8.0/UCD3.7.1)
id IAA29306; Thu, 17 Oct 1996 08:08:25 -0700 (PDT)
Message-Id: <199610171508.IAA29306@franc.ucdavis.edu>
X-Sender: szlakela@peseta.ucdavis.edu
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 17 Oct 1996 08:08:22 -0800
To: Larry Keeran <lmkeeran@rs6000.cmp.ilstu.edu>
From: jclakeland@ucdavis.edu (John Lakeland)
Subject: Re: Would you be so kind?
Cc: aprssig@tapr.org

>Would you be so kind as to pass the parameters along for your Macintosh to
>KPC-3 interface? I have a High Speed Modem Cable (per Apple Specs) that I
>plan to use with my new PB5300 powerbook and the KPC-9612.
>
>Your parameters will greatly speed up my setup time.
>
>Thank you in advance.
>

Larry,

Here is what I have set for my KPC3. First I restored the default
settings using the RESTORE D command from a terminal program. Then I issued
the INTFACE TERMINAL command.

MCOM OFF
MRESP OFF
HEADERLN OFF
MSTAMP OFF
CSTAMP OFF
PID OFF
MONITOR ON

These params are in the Mac APRS docs for the KPC3 and I have set them in
the Mac APRS TNC settings dialog box. In addition I set the two commands
below.

XFLOW OFF
Since I'm using hardware handshaking I set this to disable software
handshaking. In the serial tool dialog box I have selected DTR & CTS for
the handshaking.

CD SOFTWARE (CD = carrier detect)

I use this and no squelch on the radio because my radio doesn't squelch too
well on the local frequency, I think somebody's consumer electronics in my
apartment building is transmitting noise on this freq. It also insures
that any packets that can be received are received.

I am in a second story apartment of wood frame construction with wood siding. Stucco has chicken wire in it and forms a rather good shield. I have a homemade 2 element quad antenna in my living room mounted on a spring loaded 2 x 2 pole from the floor to the ceiling. It is fed by a 1/4 wave shorted parallel conductor transmission line with a coax balun tapped on at the correct distance up from the shorted end to give a match. The driven element is a closed loop and is fed at the bottom by one of the conductors of the matching section. The other conductor is unconnected. This arrangement is identical to a J Pole antenna except that a full wave loop is used in place of the normal 1/2 wave dipole. It works perfectly and has the advantage that the feed is entirely below the loops. I invented this arrangement myself (he said proudly).

Regards John Lakeland kc6v1r

C.C. the sig

From kc4zgq@ix.netcom.com Thu Oct 17 11:19:00 1996
Received: from dfw-ix7.ix.netcom.com (dfw-ix7.ix.netcom.com [206.214.98.7]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA08878 for <aprssig@tapr.org>; Thu, 17 Oct 1996 11:18:58 -0500 (CDT)
Received: from (kc4zgq@mac-ga1-21.ix.netcom.com [205.186.69.53]) by dfw-ix7.ix.netcom.com (8.6.13/8.6.12) with SMTP id RAA21661 for <aprssig@tapr.org>; Wed, 16 Oct 1996 17:34:36 -0700
Date: Wed, 16 Oct 1996 17:34:36 -0700
Message-Id: <199610170034.RAA21661@dfw-ix7.ix.netcom.com>
From: kc4zgq@ix.netcom.com (JOHN F. KRAUS II)
Subject: New Central Georgia Digipeater
To: aprssig@tapr.org

Hello to all on the SIG. I thought I would send a short note to report that at long last Central Georgia has a true WIDE-RELAY digi. With the help of several local hams Tom Rogers KR4OL has placed a digi near the junction of 1-75 and 1-475 just north of Macon. The digi has a true HAAT of about 400 ft. The present antenna has 9db gain with omni coverage. It presently covers Central Georgia quite well. Future

plans are to replace the existing 400 ft of 75 ohm CATV hardline with true 50 ohm hardline which will enhance power out as well as receive considerably. The TNC used at this site is a KPC-4 which will be used as a gate to uhf 445.925 in the near future as the radio is already on hand we lack only coax and antenna. We would be very interested in any

reports of performance both from mobile stations passing through as well as APRS base stations. Please send any reports to me at the address below.

Thanks to all who offered help and advice.

73 de John F. Kraus II KC4ZGQ

From PRENTICE@scanva.canton.edu Thu Oct 17 13:24:50 1996
Received: from SCANVA.CANTON.EDU (scanva.canton.edu [137.37.1.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA16271 for <aprssig@tapr.org>; Thu, 17 Oct 1996 13:24:48 -0500 (CDT)
Received: from scanva.canton.edu by scanva.canton.edu (PMDF V5.0-3 #11626) id <01IAPJCLICFQ005QPL@scanva.canton.edu> for aprssig@tapr.org; Wed, 16 Oct 1996 11:29:05 -0500 (EST)
Date: Wed, 16 Oct 1996 11:29:05 -0500 (EST)
From: Jim Prentice WA2MZF QCWA <PRENTICE@scanva.canton.edu>
Subject: signals
To: aprssig@tapr.org
Message-id: <01IAPJCLICFS005QPL@scanva.canton.edu>
X-VMS-To: IN%"aprssig@tapr.org"
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

Hello Group,

I have not been active for a while and just loaded latest ver of dos aprs. I do not seem to be seeing stations like in older ver of program. I am seeing some beacons es one liners between stations etc. and odd time can get list of stations and more odd times i get gateway station listed.. This is on 30 meters and signals real strong. Any hints?

Thanks.

From kc5ejk@onramp.net Thu Oct 17 15:23:14 1996
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA21298 for <aprssig@tapr.org>; Thu, 17 Oct 1996 15:23:13 -0500 (CDT)
Received: from [199.1.11.125] (dal25.onramp.net [199.1.11.125]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id PAA04064 for <aprssig@tapr.org>; Thu, 17 Oct 1996 15:23:09 -0500 (CDT)
Message-Id: <v02140b00ae8c4b0193ce@[199.1.11.108]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 17 Oct 1996 15:24:50 -0600
To: aprssig@tapr.org
From: kc5ejk@onramp.net (Robert Winingham)
Subject: Re: [APRSSIG:5648] GPS Parity algorithm?

>In article <199610152048.QAA03607@penny.n2wx.ampr.org>, you wrote:
> : Does anyone have in emailable form the parity algorithm used in GPS
> : and RTCM messages?
>
><http://www.navcen.uscg.mil/gps/reports/sigspec/sigspec.htm>
>
>This carries pointers to .pdf (ugh) files with the entire GPS signal
>spec, free for the downloading.
>

>(I know, replying to my own posting...)
>
>
>--
>Howard Goldstein <hgoldste@bbs.mpcs.com>

Were you really looking for the NMEA Checksum that is used by
Garmin GPS units on the data output ??

<ftp://sundae.triumf.ca/pub/peter/index.html>

73

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From wd5ivd@tapr.org Thu Oct 17 16:00:17 1996
Received: (from wd5ivd@localhost) by tapr.org (8.7.5/8.7.3/1.9) id QAA22369 for
aprssig@tapr.org; Thu, 17 Oct 1996 16:00:16 -0500 (CDT)
From: Greg Jones <wd5ivd@tapr.org>
Message-Id: <199610172100.QAA22369@tapr.org>
Subject: MIC-E Beta
To: aprssig@tapr.org (BBS SIG mailing)
Date: Thu, 17 Oct 1996 16:00:16 -0500 (CDT)
X-Mailer: ELM [version 2.4 PL25]
Content-Type: text

If you tried to use the form on the web page to submit and got refused,
please try again. The TAPR.ORG server had a slight problem which caused
sendmail to die.

It is corrected now.

Cheers - Greg

From bruninga@nadm.navy.mil Thu Oct 17 16:55:40 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA24291 for <aprssig@tapr.org>; Thu, 17
Oct 1996 16:55:38 -0500 (CDT)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id SAA12141 for <aprssig@tapr.org>; Thu, 17 Oct 1996
18:00:44 -0400 (EDT)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 17 Oct 1996 18:00:44 -0400 (EDT)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5656] APRS REGISTRATION
In-Reply-To: <32665612.1251@ibmmail.com>
Message-ID: <Pine.GSO.3.95.961017180026.12021A-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The latest is 77c, but 77d is under construction... hi hi

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From geoff@maf.mobile.al.us Thu Oct 17 18:31:57 1996
Received: from ns1.maf.mobile.al.us (ns1.maf.mobile.al.us [206.202.0.2]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA27281 for <aprssig@tapr.org>; Thu, 17
Oct 1996 18:31:55 -0500 (CDT)
Received: from ns1 by ns1.maf.mobile.al.us (5.x/SMI-SVR4)
id AA14602; Thu, 17 Oct 1996 18:28:28 -0500
Date: Thu, 17 Oct 1996 18:28:28 -0500 (CDT)
From: Geoff Peacock <geoff@maf.mobile.al.us>
X-Sender: geoff@ns1
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5660] Re: Ultimeter 2000 & Tiny 2
In-Reply-To: <55961016211855/0004818186NA4EM@MCIMAIL.COM>
Message-Id: <Pine.SOL.3.91.961017182236.14088C-100000@ns1>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The tiny 2 does have the gps feature...I have used it with the Ultimeter II a few years back. However my method of testing may be at fault, but it does make sense to me. I have placed the tnc in converse mode and have the 2000 sending a stream using the data mode output selection. I would assume the tnc would xmit when the buffer fills or it sees <cr>. I was hoping to use this method so I could place the 2000 in packet mode and have it xmit every 5 min rather than use the gps mode. I would like to see the highest ws over the past 5 min. as reported by the packet mode. I hope APRS supports that.

Geoff Peacock
Mobile Area Free-Net, Inc.

-----oOo__ () __oOo_

geoff@maf.mobile.al.us (334) 405-4600

On Thu, 17 Oct 1996, Miami Network wrote:

> Correct the Ultima 2000 is not a fully implemented RS-232. In order to get the
> unit to work as a standalone the TNC Must be intelligent and have the ability to
> identify the input string.
>
>

From wd5ivd@tapr.org Fri Oct 18 00:30:49 1996
Received: (from wd5ivd@localhost) by tapr.org (8.7.5/8.7.3/1.9) id AAA15498 for
aprssig@tapr.org; Fri, 18 Oct 1996 00:30:48 -0500 (CDT)
From: Greg Jones <wd5ivd@tapr.org>
Message-Id: <199610180530.AAA15498@tapr.org>
Subject: MIC-E Beta Test
To: aprssig@tapr.org (BBS SIG mailing)
Date: Fri, 18 Oct 1996 00:30:48 -0500 (CDT)

X-Mailer: ELM [version 2.4 PL25]
Content-Type: text

Hi.

I received several messages asking if I had or hadn't gotten a beta-test form. Here is the list of names I have received something from using the web form. I have received one or two just by e-mail, so they will not appear on this list (i.e. `grep ^Name: mic-e.mail`).

If your name is not on this list, please give the web page another try. Be sure to allow it to complete the submit or I will not receive a form to pass along to the beta test review committee.

All the requests so far are all very interesting...and should make for some interesting beta testing.

Cheers - Greg

Names as of 10/18/96:

| | |
|-------|---|
| Name: | Neil Lauritsen |
| Name: | William Yoreo |
| Name: | Mike Heskett |
| Name: | Stan Horzepa |
| Name: | Kansas City APRS Working Group/Jim Duncan |
| Name: | Jonathan R Brockmeier |
| Name: | Henry Van Bogaert |
| Name: | Bob Winingham |
| Name: | Steve Dimse |
| Name: | Larry Keeran |
| Name: | Richard F. Garcia |
| Name: | Tom Kinahan |
| Name: | Alan Crosswell |
| Name: | John Kozak |
| Name: | Bill Healy |
| Name: | Harry Burford |
| Name: | William C. Wolken |
| Name: | Frank McJunkins |
| Name: | Frank McJunkins |
| Name: | Kevin Kelly |
| Name: | George V. Chapek |
| Name: | Tony Drumm |

From kc4zgg@ix.netcom.com Fri Oct 18 00:44:30 1996
Received: from dfw-ix5.ix.netcom.com (dfw-ix5.ix.netcom.com [206.214.98.5]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA15855 for <aprssig@tapr.org>; Fri, 18
Oct 1996 00:44:28 -0500 (CDT)

Received: from (kc4zgq@mac-ga1-16.ix.netcom.com [205.186.69.48]) by dfw-ix5.ix.netcom.com (8.6.13/8.6.12) with SMTP id WAA01091; Thu, 17 Oct 1996 22:44:11 -0700

Date: Thu, 17 Oct 1996 22:44:11 -0700

Message-Id: <199610180544.WAA01091@dfw-ix5.ix.netcom.com>

From: kc4zgq@ix.netcom.com (JOHN F. KRAUS II)

Subject: Central Georgia Digi

To: aprssig@tapr.org

Cc: jkham@internetMCI.com

I goofed and left my e-mail address of the last message.

So here it is.

Please send Central Georgia signal reports to:

<KC4ZGQ@IX.NETCOM.COM> JOHN F. KRAUS II

THANKS

From aprs@juno.com Fri Oct 18 04:08:19 1996

Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id EAA21735 for <aprssig@tapr.org>; Fri, 18 Oct 1996 04:08:16 -0500 (CDT)

Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail)
id FAC10678; Fri, 18 Oct 1996 05:08:09 EDT

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5662] New Central Georgia Digipeater

Message-ID: <19961018.020557.9350.2.aprs@juno.com>

References: <199610170034.RAA21661@dfw-ix7.ix.netcom.com>

X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 0,2-7,9-10,12,14-20

From: aprs@juno.com (ap rs)

Date: Fri, 18 Oct 1996 05:08:09 EDT

On Thu, 17 Oct 1996 12:07:57 -0500 (CDT) kc4zgq@ix.netcom.com (JOHN F. KRAUS II) writes:

>

>Hello to all on the SIG. I thought I would send a short note to
>report that at long last Central Georgia has a true WIDE-RELAY digi.

Congratulations, guys.

When I eventually get home from California, I will expect to see that thing banging the ears off of N4NEQ-2!

Consider leaving the CATV hardline. Your SWR is only gonna be about 1.5:1 with it.

If you MUST have 50 ohm, there are simple transformer/connectors you can make or buy. Msg me if you want the info on how.

Again: good job.

Ralph Fowler
N4NEQ Atlanta
rwf@mindspring.com

```

From jswift@up.net  Fri Oct 18 06:50:26 1996
Received: from btc1 (btc1.up.net [205.242.56.10]) by tapr.org (8.7.5/8.7.3/1.9)
with SMTP id GAA25946 for <aprssig@tapr.org>; Fri, 18 Oct 1996 06:50:24 -0500
(CDT)
Received: from nb1-67.up.net by btc1 (5.x/SMI-SVR4)
        id AA20086; Fri, 18 Oct 1996 07:49:07 -0400
Message-Id: <9610181149.AA20086@btc1>
X-Sender: jswift@mail.up.net
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 18 Oct 1996 07:53:24 -0500
To: aprssig@tapr.org
From: jack swift <jswift@up.net>
Subject: Re: [APRSSIG:5647] Re: Eastern NC activity nil

```

i've had several trips past madison wisconsin, chicago, and st. louis. there are several 'hinterlands' in between, but those areas have always filled my lists and brightened my map. since i'm usually alone i can't answer messages, but have gotten some very nice ones. i mainly use the screen information to avoid grabbing a paper map -- it's neat till s/a nails me big time (one hunting trip spent an hour apparently 20 miles offshore <g>). it would be nice to see more stations beaoning, but i'm sure that will come -- each trip gets more position reports from home stations....

At 06:32 AM EST 10/16/96 -0500, you wrote:

```
>>Previous trips have had less results, to the point it is a waste of time
>>putting all the gear in the car, but I do listen to 145.79 and set the
>>squelch loose. Nothing is heard except for the squeel of brakes when a
>>passing radar detector gets into the beam of my gunplexer.
```

>>

```
>After my trip, I have come to the conclusion that without HF, it is
>pretty much a waste of time to bring along APRS on a cross country trip.
>
```

Jack Swift jswift@up.net N8WAV@W8YY.#UPMI.MI.USA.NA 47.119N 88.572W
Swift True Value Hardware 402 Shelden Ave. Houghton, MI 49931
906-482-0530, 0531, 7766 Alpha Phi Omega Epsilon Lambda Chapter Advisor
Houghton County Amateur Radio Emergency Service Dereliction IS!
Keweenaw Peninsula Chapter American Red Cross CIO/Treasurer Ham It Up!
~~~~~

From Leroy.Lawhorn@275-17.usbbs.com Fri Oct 18 08:22:00 1996  
Received: from NetUSA.Net (root@mail.NetUSA.Net [204.141.0.25]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id IAA28781 for <aprssig@tapr.org>; Fri, 18 Oct 1996  
08:21:57 -0500 (CDT)  
Received: from Alpha.NetUSA.Net by NetUSA.Net with smtp  
(Linux Smail3.1.28.1 #1) id m0vEEsc-001vzJC; Fri, 18 Oct 96 09:22 EDT

Received: from usbbs by Alpha.NetUSA.Net with uucp  
(Linux Smail3.1.28.1 #1) id m0vEErg-001yY0C; Fri, 18 Oct 96 09:21 EDT  
Received: by usbbs.com (0.99.950801)  
id AA06036; 18 Oct 96 09:20:34 -0500  
From: Leroy.Lawhorn@275-17.usbbs.com (Leroy Lawhorn)  
Date: 17 Oct 96 21:37:25 -0500  
Subject: APRS77C.ZIP  
Message-ID: <f3c\_9610180920@usbbs.com>  
Organization: WoodyWare Software, Inc.  
To: aprssig@tapr.org

APRS77C.ZIP is out now dated 10-12-96 and on my bbs. Check it out...  
W4VIW's BBS @ 864-299-6185 located in Greenville, SC.

I also carry the X-Files Network and MUFON Network.

Thanks for reading this post.

LeRoy Lawhorn SySop & UF0logist

--- WILDMAIL!/WC v4.12  
# Origin: W4VIW's BBS 864-299-6185 Greenville, SC USA (73:1320/1.0)  
--  
|Internet: Leroy.Lawhorn@275-17.usbbs.com  
|  
| E-Mail Services - info@usbbs.com

From wa8inz@concentric.net Fri Oct 18 08:23:26 1996  
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA28834 for <aprssig@tapr.org>; Fri, 18  
Oct 1996 08:23:25 -0500 (CDT)  
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])  
by tribune.concentric.net (8.7.5/(96/10/10 1.8))  
id JAA23082; Fri, 18 Oct 1996 09:23:23 -0400 (EDT)  
[1-800-745-2747 The Concentric Network]  
Errors-To: <wa8inz@concentric.net>  
Received: from LOCALNAME (61060d0011la.concentric.net [206.173.250.239])  
by cliff.cris.com (8.8.0)  
id JAA27345; Fri, 18 Oct 1996 09:23:21 -0400 (EDT)  
Message-ID: <3267A0E4.9F7@concentric.net>  
Date: Fri, 18 Oct 1996 08:23:16 -0700  
From: William Nolle <wa8inz@concentric.net>  
Organization: None  
X-Mailer: Mozilla 2.01 (Win16; U)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5669] Central Georgia Digi  
References: <199610180544.WAA01091@dfw-ix5.ix.netcom.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

JOHN F. KRAUS II wrote:

>  
> I goofed and left my e-mail address of the last message.  
>  
> So here it is.  
>  
> Please send Central Georgia signal reports to:  
>  
> <KC4ZGQ@IX.NETCOM.COM> JOHN F. KRAUS II  
>  
> THANKS

John sounding great here in North Alabama, but can't see the wisdom of having another digi 8 miles to the NW (KR40L-2)?.

--

\\\\\\\\  
(0 0)  
\*--o0-( )-0o--\*  
wa8inz@amsat.org  
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.  
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From sproul@ap.org Fri Oct 18 09:58:11 1996  
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA02507 for <aprssig@tapr.org>; Fri, 18 Oct 1996 09:58:08 -0500 (CDT)  
Received: from [165.1.27.169] by janus.ap.org (SMI-8.6/SMI-SVR4) id KAA18004; Fri, 18 Oct 1996 10:52:33 -0400  
X-Sender: sproul@165.1.6.1  
Message-Id: <v03007804ae8d4a089e7f@[165.1.27.169]>  
In-Reply-To: <199610180530.AAA15498@tapr.org>  
Mime-Version: 1.0  
Content-Type: text/enriched; charset="us-ascii"  
Date: Fri, 18 Oct 1996 10:54:28 -0400  
To: aprssig@tapr.org  
From: Mark Sproul <sproul@ap.org>  
Subject: Re: [APRSSIG:5668] MIC-E Beta Test  
Cc: ksproul@hardees.Rutgers.EDU

>Hi.

>

>I received several messages asking if I had or hadn't gotten a beta-test

>form. Here is the list of names I have received something from using the

>web form. I have received one or two just by e-mail, so they will not

>appear on this list (i.e. grep ^Name: mic-e.mail).

>

>If your name is not on this list, please give the web page another try. Be

>sure to allow it to complete the submit or I will not receive a form to pass

>along to the beta test review committee.

>

>All the requests so far are all very interesting...and should make for some

>interesting beta testing.

>

>Cheers - Greg

Greg,

I tried again this morning and could not get it to take my entry so here is the info

Mark Sproul

KB2ICI

sproul@ap.org

698 Magnolia Rd

North Brunswick, NJ 08902

908-246-3749

609-860-7120

609-860-7129

Software engineer

I think so (Keith is)

4 years



Windows

Mac

and X-Windows

Developer of MacAPRS and WinAPRS and X-APRS, enough said

We just need one for the two of us, I spoke to Keith to make sure that we werent both trying to get one.

Thanks

Mark

---

Mark Sproul |Amateur Radio: KB2ICI  
Software Engineer @ Assoc Press |  
sproul@ap.org |Work: 609-860-7120  
North Brunswick, NJ |Fax: 609-860-7129  
<http://msproul.rutgers.edu/>

---

From AA8JK@aol.com Fri Oct 18 10:42:36 1996  
Received: from emout08.mail.aol.com (emout08.mx.aol.com [198.81.11.23]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA04159 for <aprssig@tapr.org>; Fri, 18  
Oct 1996 10:42:35 -0500 (CDT)  
From: AA8JK@aol.com  
Received: by emout08.mail.aol.com (8.6.12/8.6.12) id LAA29240 for  
aprssig@tapr.org; Fri, 18 Oct 1996 11:42:04 -0400  
Date: Fri, 18 Oct 1996 11:42:04 -0400  
Message-ID: <961018114204\_1745271859@emout08.mail.aol.com>  
To: aprssig@tapr.org  
Subject: TAWG FALL APRS CONFERENCE ë96

SECOND ANNOUNCEMENT

TAWG FALL APRS CONFERENCE ë96  
October 26, 1996  
Columbus, Ohio

Bringing together a contingent of APRS technologists to discuss recent

progress within the Tri-state (Ohio, Indiana, & Kentucky) area and the direction for the future.

Everyone with an interest in APRS is invited.

The Columbus, Ohio site was chosen to be a central location for attendance for hams in Pennsylvania, West Virginia, Northern Ohio, and many of the TAWG members.

Topics to be addressed include:

- \* Recent APRS network achievements as well as future challenges.
- \* Committees to promote APRS activities.
- \* APRS interface with the National Weather Service.
- \* Question & answer session for newcomers.
- \* Other activities to be announced.

#### SPECIAL EVENTS

- \* A GPS Video (Approximately 20 minutes).
- \* A demonstration and progress report on ERIC (Electronic Roadway Information Companion). ERIC monitors data from your GPS and through an internal synthesized voice guides you along the way. ERIC adds speech to your GPS. Innovation at work.

#### LOCATION:

Whetstone Branch  
Columbus Metropolitan Library  
3909 N. High Street  
(Near the entrance to the Park of Roses.)  
Columbus, Ohio  
Destination Waypoint - 40-02.47N 083-01.19W

DATE/TIME      October 26, 1996    1030 - 1500 local

#### SCHEDULE:

1000-1030 Room opens, Set-up

1030-1100      Opening Remarks, Intros, and update on TAWG.  
                 Sid, AH7E

1100-1130      APRS: What it is and how you can use it.    Mike, KB8SSH

1130-1200      GPS Video    Joe, W8RIK

1200-1300      APRS interface with the NWS & ARES-Open Discussion.  
Moderated by Joe, W8RIK

1300-1400      Open Forum  
Moderated by Sid, AH7E

The Future of TAWG  
Structure of the Organization  
Committees to Promote APRS

1400-1500 Demonstration and progress report on ERIC  
(Electronic Routing Information Companion).  
ERIC adds speech to your GPS.  
Presented by Eric, N8FYD

Joe, W8RIK says we can adjourn to one of the many good "pizza" establishments  
in the area after 1500 hours.

TALK-IN: 147.12+ Repeater  
THIS IS A CHANGE FROM FIRST ANNOUNCEMENT

SPONSOR: Tri-State APRS Working Group (TAWG)

All are encouraged to attend. For further information contact:

Sid, AH7E  
e-mail: AH7E@aol.com  
Phone: 937.866.3911 (New Area Code)

From sproul@ap.org Fri Oct 18 10:57:32 1996  
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)  
with SMTP id KAA04556 for <aprssig@tapr.org>; Fri, 18 Oct 1996 10:57:30 -0500  
(CDT)  
Received: from [165.1.27.169] by janus.ap.org (SMI-8.6/SMI-SVR4)  
id LAA20536; Fri, 18 Oct 1996 11:51:52 -0400  
X-Sender: sproul@165.1.6.1  
Message-Id: <v03007805ae8d52869d56@[165.1.27.169]>  
In-Reply-To: <v03007804ae8d4a089e7f@[165.1.27.169]>  
References: <199610180530.AAA15498@tapr.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Fri, 18 Oct 1996 11:28:24 -0400  
To: aprssig@tapr.org  
From: Mark Sproul <sproul@ap.org>  
Subject: Re: [APRSSIG:5674] Re: MIC-E Beta Test

Sorry about the last email, wrong address

Mark

From cdavidso@hemisphere.neocomm.net Fri Oct 18 17:41:40 1996  
Received: from hemisphere.neocomm.net (root@hemisphere.neocomm.net  
[205.160.234.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA16604 for  
<aprssig@tapr.org>; Fri, 18 Oct 1996 17:41:38 -0500 (CDT)  
Received: from Axton (ppp26.neocomm.net [205.160.234.26]) by  
hemisphere.neocomm.net (8.6.11/8.6.9) with SMTP id SAA15606 for

<aprssig@tapr.org>; Fri, 18 Oct 1996 18:42:18 -0400  
Message-Id: <199610182242.SAA15606@hemisphere.neocomm.net>  
Comments: Authenticated sender is <cdavidso@neocomm.net>  
From: "Charles W. Davidson" <cdavidso@hemisphere.neocomm.net>  
Organization: Acme  
To: aprssig@tapr.org  
Date: Wed, 16 Oct 1996 19:24:25 +0000  
Subject: Re-Smallest GPS/TNC  
Reply-to: cdavidso@hemisphere.neocomm.net  
Priority: normal  
X-mailer: Pegasus Mail for Windows (v2.01)

Thanks for all the replys on my question. My portable system is a Magellan Trail Blazer XL, HP 95 palm PC, alinco HT, and Packomm Handi Packet. The system is much to heavy for a 2000 mile hike. Also the Handipacket is dead and to expensive to repair, a KPC is probally cheaper than repair and will run a long time on tiny 9v battery. The Handi battery was practically useless and failed me so many times I eventually always carried an external battery.

I wonder how much "juice the Pico tnc and GPS combo requires ?

It seems like the best system would be the MiM connected to DeAngelo transmitter and some tiny gps. The whole system would have to be very near 1 pound and would run on AA alkiline batterys that could be replaced weekly. Nicads are not practicle in the woods, no recharger and poor weight to life ratio. The system would only be turned on for a fix / xmit periodically during the day when in high open areas. GPS units work very poorly in deep woods. There would be no need for a display of any type on this stand alone system.

With the expenses of a six month backpacking trip and no income during this time it will not be practical for me to purchase / build such a unit. I do however invite your further input in this sort of project. Its fun to talk about anyway!

The GPS data I mentioned that covered the Appalacian Trail:

I did not get a chance to talk to the owner of this data, with over 800 hikers at the "Gathering" in Carlise PA and many other programs I never did get to meet this fellow. I will continue my search for him and inquire about the release of the mapping data.

Tahnk You Charles

cdavidso@neocomm.net  
<http://www.neocomm.net/~cdavidso/>  
WB4PAN@WB4QOJ.VA.USA.NOAM  
wb4pan@juno.com  
APRS ALDHA ATC  
Georgia>97>Main Chase

From N2ZRC@gnn.com Fri Oct 18 22:03:51 1996

Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA24755 for <aprssig@tapr.org>; Fri, 18 Oct 1996 22:03:50 -0500 (CDT)

Received: from 50-7.client.gnn.com. (50-7.client.gnn.com [205.188.50.7]) by mail-e2b.gnn.com (8.7.1/8.6.9) with SMTP id XAA10638 for <aprssig@tapr.org>; Fri, 18 Oct 1996 23:03:14 -0400 (EDT)

Message-Id: <199610190303.XAA10638@mail-e2b.gnn.com>

X-Mailer: GNNmessenger 1.3

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 18 Oct 1996 23:02:51

From: Arte Booten <N2ZRC@gnn.com>

To: aprssig@tapr.org

Subject: Hercules Monitor & APRS

Hi All,

As many of you know, I've been trying to extend APRS into the so-called "APRS Black Hole" to my north. To this end I donated an old discarded 286 to a friend well situated to become a WIDE-REALY for the lower Hudson Valley area.

Little did I know at the time that this antique had a Hercules video card and monitor. According to this fellow, and THE DOCS, APRS locks up at the first whiff of this video system.

After talking with my friend, he seemed to remember some little program that would "emulate" a CGA something-or-other (or something like that!) Is anybody on the SIG aware of a way around this problem, short of getting another machine? After all we've gone through getting this clunker operational and all the hype and demonstrations I've given on APRS, we'd hate to have to go back to the drawing board.

The station in question is situated where he might link up the existing "northeast corridor" APRS net with that in Schenectady and points north and west! THIS is why I'm so hot to get this guy up and running. Such a link is the next logical step in expanding APRS to cover as much area as possible and create connectivity everywhere (oh, okay, I'm allowed a little wishful thinking, aren't I?) Thanks & 73

Arte Booten <N2ZRC@gnn.com>

(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)

[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

From wd5ivd@tapr.org Sat Oct 19 00:08:26 1996

Received: (from wd5ivd@localhost) by tapr.org (8.7.5/8.7.3/1.9) id AAA02087 for aprssig@tapr.org; Sat, 19 Oct 1996 00:08:25 -0500 (CDT)

From: Greg Jones <wd5ivd@tapr.org>  
Message-Id: <199610190508.AAA02087@tapr.org>  
Subject: MIC-E Update  
To: aprssig@tapr.org (BBS SIG mailing)  
Date: Sat, 19 Oct 1996 00:08:25 -0500 (CDT)  
X-Mailer: ELM [version 2.4 PL25]  
Content-Type: text

APRS MIC-E Update

If you would like to see a photo of a prototype layout with GPS-20 attached...take a look at:

<http://www.tapr.org/tapr/html/mic-e.question.html>

I have added a picture of the layout unit that Gwyn showed me at the DCC in Seattle, WA the end of September.

You can also get to this page from a link on [www.tapr.org](http://www.tapr.org)

Cheers - Greg, WD5IVD

From ddoobbins@juno.com Sat Oct 19 00:56:25 1996  
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA03410 for <aprssig@tapr.org>; Sat, 19 Oct 1996 00:56:23 -0500 (CDT)  
Received: (from ddoobbins@juno.com) by x11.boston.juno.com (queuemail) id BAA00753; Sat, 19 Oct 1996 01:51:33 EDT  
To: aprssig@tapr.org  
Date: Fri, 18 Oct 1996 22:18:39 PDT  
Subject: W95 naming convention  
Message-ID: <19961018.221850.8247.0.ddoobbins@juno.com>  
X-Mailer: Juno 1.15  
X-Juno-Line-Breaks: 1-2,9-16,18  
From: ddoobbins@juno.com (David S Dobbins)

Hi SIG. Will somebody literate w/both W95 and W3.1 please tell me how to fix the following problem:

Tonite I downloaded the Powerpoint presentations in the aprs sig presentation subdirectory. I unzipped the file and it created a sub directory called "my docum" where the file is stored. I'm using W3.1, so can't do anything with a directory that apparently was created with W95, because it has a space between the MY and DOCUM. I can't rename the directory, can't delete it, can't move it, etc. Nor can I open the file thru PP because it doesn't recognize the space in the directory name.

Help please.

|                        |                                    |
|------------------------|------------------------------------|
| David S. Dobbins/WH6YC | Pacific Northwest APRS Coordinator |
| POB 553 404 N Third St | Email: ddoobbins@juno.com          |
| Pe Ell, WA 98572-0553  | VHF 147.06 T110.9, or 145.43       |

tel: 360-291-3707  
pager: 800-514-7489  
GPS"

APRS 145.79, 145.75  
"In GOD we trust, all others we track by

From sparkfel@primenet.com Sat Oct 19 01:19:49 1996  
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA06425 for <aprssig@tapr.org>; Sat, 19  
Oct 1996 01:19:47 -0500 (CDT)  
Received: from ip-21-076.phx.primenet.com (ip-21-076.phx.primenet.com  
[206.165.21.76]) by primenet.com (8.8.0/8.8.0) with SMTP id XAA14065; Fri, 18 Oct  
1996 23:19:42 -0700 (MST)  
Date: Fri, 18 Oct 1996 23:19:42 -0700 (MST)  
Message-Id: <1.5.4.16.19961018231943.2cdf5d22@mailhost.primenet.com>  
X-Sender: sparkfel@mailhost.primenet.com  
X-Mailer: Windows Eudora Light Version 1.5.4 (16)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org, aprssig@tapr.org  
From: Mark Fellhauer <sparkfel@primenet.com>  
Subject: Re: [APRSSIG:5678] Hercules Monitor & APRS

At 10:17 PM 10/18/96 -0500, Arte Booten wrote:

>Hi All,

>

>

> Little did I know at the time that this antique had a Her-  
>cules video card and monitor. According to this fellow, and  
>THE DOCS, APRS locks up at the first whiff of this video sys-  
>tem.

>

> After talking with my friend, he seemed to remember some  
>little program that would "emulate" a CGA something-or-other  
>(or something like that!) Is anybody on the SIG aware of a  
>way around this problem, short of getting another machine? Af-  
>ter all we've gone through getting this clunker operational and  
>all the hype and demonstrations I've given on APRS, we'd hate  
>to have to go back to the drawing board.

>

The program in question is called "simcga," and if I recall correctly, it  
will work with DOS APRS.

Heck, someone would probably give you an 8 bit VGA video card, and VGA  
monitors can be picked up for \$35 or less. A buddy of mine GAVE AWAY a 9  
inch paper-white VGA monitor! Without consulting me even! Sheesh! I  
woulda paid him something for it. And I have yet to find another one. I  
think it was from a POS terminal.

73,

Mark  
KC7BXS

From Lew.Midlam@pobox.com Sat Oct 19 06:04:18 1996  
Received: from perseus.peganet.com (root@perseus.peganet.com [206.102.200.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA12672 for <aprssig@tapr.org>; Sat, 19 Oct 1996 06:04:17 -0500 (CDT)  
Received: from Peganet.peganet.com (peg3-ts39.peganet.com [206.102.200.239]) by perseus.peganet.com (8.6.12/8.6.12) with SMTP id HAA08623 for <aprssig@tapr.org>; Sat, 19 Oct 1996 07:04:04 -0400  
Message-ID: <3268B5AA.52D5@pobox.com>  
Date: Sat, 19 Oct 1996 07:04:10 -0400  
From: Lew Midlam <Lew.Midlam@pobox.com>  
Reply-To: Lew.Midlam@pobox.com  
Organization: lemidlam@peganet.com  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5680] W95 naming convention  
References: <19961018.221850.8247.0.ddobbins@juno.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

David S Dobbins wrote:

I unzipped the file and it created a sub  
> directory called "my docum" where the file is stored. I'm using W3.1, so  
> can't do anything with a directory that apparently was created with W95,  
> because it has a space between the MY and DOCUM.

If you have Norton Utilities you can use DISKEDIT to change the name of the sub-directory to something DOS will let you command.

-Lew

From KG5QD@aol.com Sat Oct 19 06:11:27 1996  
Received: from emout01.mail.aol.com (emout01.mx.aol.com [198.81.11.92]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA12708 for <aprssig@tapr.org>; Sat, 19 Oct 1996 06:11:25 -0500 (CDT)  
From: KG5QD@aol.com  
Received: by emout01.mail.aol.com (8.6.12/8.6.12) id HAA20042 for aprssig@tapr.org; Sat, 19 Oct 1996 07:10:54 -0400  
Date: Sat, 19 Oct 1996 07:10:54 -0400  
Message-ID: <961019071053\_546583366@emout01.mail.aol.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5678] Hercules Monitor & APRS

I went through about 10 CGA emulators and finally found one called "COLOR.COM" that works with aprs and hercules -If you cannot find this I have it here someplace  
73 de Dale kg5qd

From TCox17892@aol.com Sat Oct 19 09:58:27 1996  
Received: from emout19.mail.aol.com (emout19.mx.aol.com [198.81.11.45]) by



tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA18546 for <aprssig@tapr.org>; Sat, 19 Oct 1996 09:58:26 -0500 (CDT)  
From: TCox17892@aol.com  
Received: by emout19.mail.aol.com (8.6.12/8.6.12) id KAA13918 for aprssig@tapr.org; Sat, 19 Oct 1996 10:57:54 -0400  
Date: Sat, 19 Oct 1996 10:57:54 -0400  
Message-ID: <961019105754\_129707315@emout19.mail.aol.com>  
To: aprssig@tapr.org  
Subject: NMEA question

Can someone explain, or direct me to an explanation of, the concept "dilution of precision" as used in NMEA sentences? Don't understand whether it is a percentage (and how it is applied), or something else.

From TCox17892@aol.com Sat Oct 19 10:04:18 1996  
Received: from emout10.mail.aol.com (emout10.mx.aol.com [198.81.11.25]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA18861 for <aprssig@tapr.org>; Sat, 19 Oct 1996 10:04:16 -0500 (CDT)  
From: TCox17892@aol.com  
Received: by emout10.mail.aol.com (8.6.12/8.6.12) id LAA16875 for aprssig@tapr.org; Sat, 19 Oct 1996 11:03:45 -0400  
Date: Sat, 19 Oct 1996 11:03:45 -0400  
Message-ID: <961019110342\_129709204@emout10.mail.aol.com>  
To: aprssig@tapr.org  
Subject: GPS 20 data question.

In the \$GPGGA output from my GPS-20, the first nine fields look plausible. They are followed by ",M,-34.1,M,," an asterisk, and a checksum.

This looks like one too many fields, and I don't understand the "M"s. I am not providing differential input, so expected a geoidal height, followed by a couple of nulls.

Any idea what's going on?

From hgoldste@bbs.mpcs.com Sat Oct 19 11:56:09 1996  
Received: from bbs.mpcs.com (root@bbs.mpcs.com [204.215.226.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA22050 for <aprssig@tapr.org>; Sat, 19 Oct 1996 11:56:06 -0500 (CDT)  
Received: (from hgoldste@localhost) by bbs.mpcs.com (8.8.2/8.8.0/MPCS) id LAA03104; Sat, 19 Oct 1996 11:45:28 -0400  
Date: Sat, 19 Oct 1996 11:45:28 -0400  
From: Howard Goldstein <hgoldste@bbs.mpcs.com>  
Message-Id: <199610191545.LAA03104@bbs.mpcs.com>  
To: aprssig@tapr.org  
Subject: [APRSSIG:5664] Re: GPS Parity algorithm?  
In-Reply-To: <v02140b00ae8c4b0193ce@[199.1.11.108]>  
Reply-To: hgoldste@bbs.mpcs.com

In article <v02140b00ae8c4b0193ce@[199.1.11.108]>, you wrote:  
: >In article <199610152048.QAA03607@penny.n2wx.ampr.org>, you wrote:  
: > : Does anyone have in emailable form the parity algorithm used in GPS  
: > : and RTCM messages?

: >  
: ><http://www.navcen.uscg.mil/gps/reports/sigspec/sigspec.htm>  
  
: Were you really looking for the NMEA Checksum that is used by  
: Garmin GPS units on the data output ??  
:  
: <ftp://sundae.triumf.ca/pub/peter/index.html>

No, I was really looking for and as my followup indicated I found at the .mil site the GPS parity algorithm. It has nothing at all to do with NMEA.

Too bad Adobe's OS/2 acrobat reader generates upside down and backwards images on a laserjet, but that gets beyond the pale of aprssig...

But bringing it back into something relevant to aprssig the document at the .mil site will have at least a few things of interest to anyone with more than casual GPS involvement.

--

Howard Goldstein <[hgoldste@bbs.mpcs.com](mailto:hgoldste@bbs.mpcs.com)>

From [griffg@earthlink.net](mailto:griffg@earthlink.net) Sat Oct 19 12:10:50 1996  
Received: from norway.it.earthlink.net (norway-c.it.earthlink.net [204.119.177.49]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA22496 for <[aprssig@tapr.org](mailto:aprssig@tapr.org)>; Sat, 19 Oct 1996 12:10:49 -0500 (CDT)  
Received: from GRIFF (Cust108.Max14.Seattle.WA.MS.UU.NET [153.34.41.236]) by norway.it.earthlink.net (8.7.5/8.7.3) with SMTP id JAA28047 for <[aprssig@tapr.org](mailto:aprssig@tapr.org)>; Sat, 19 Oct 1996 09:23:09 -0700 (PDT)  
Message-Id: <2.2.16.19961019162333.0e7fd6e2@earthlink.net>  
X-Sender: [griffg@earthlink.net](mailto:griffg@earthlink.net)  
X-Mailer: Windows Eudora Pro Version 2.2 (16)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sat, 19 Oct 1996 09:23:33 -0700  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
From: "Thomas [Griff] Griffin" <[griffg@earthlink.net](mailto:griffg@earthlink.net)>  
Subject: Re: [APRSSIG:5680] W95 naming convention

David,

>Tonight I downloaded the Powerpoint presentations in the aprs sig  
>presentation subdirectory. I unzipped the file and it created a sub  
>directory called "my docum" where the file is stored. I'm using W3.1, so  
>can't do anything with a directory that apparently was created with W95,  
>because it has a space between the MY and DOCUM. I can't rename the  
>directory, can't delete it, can't move it, etc. Nor can I open the file  
>thru PP because it doesn't recognize the space in the directory name.

I had the same problem with the same file recently! I think you can use the DOS command deltree to delete the directory, e.g. "deltree my\*" (or

something like that). Next time don't use -d with pkunzip so it won't create that subdirectory.

Thomas (Griff) Griffin  
Griffin International Enterprises, Inc.  
and Griffin Construction  
Beaverton, Oregon, USA  
503 645-2284 (voice), 503 629-0426 (fax)  
griffin@USemail.com or n7zkl@amsat.org

From pbunsol@cati.csufresno.edu Sat Oct 19 12:18:49 1996  
Received: from CATI.CSUFresno.EDU (caticsuf.cati.csufresno.edu [129.8.100.15]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA22837 for <aprssig@tapr.org>; Sat, 19 Oct 1996 12:18:48 -0500 (CDT)  
Received: (pbunsol@localhost) by CATI.CSUFresno.EDU (8.6.10/8.6.5) id IAA08632; Sat, 19 Oct 1996 08:35:02 -0700  
Date: Sat, 19 Oct 1996 08:35:02 -0700  
From: Pat Bunsold <pbunsol@cati.csufresno.edu>  
Message-Id: <199610191535.IAA08632@CATI.CSUFresno.EDU>  
X-Mailer: idsmail 4.0  
To: aprssig@tapr.org  
Subject: APRS at Space Museum

APRS is active at the Rueben H. Fleet Space Center in San Diego's Balboa Park Museum district. Visited by thousands of tourists a year, the Science Center has a fully operational Ham Station with a Kenwood TS450S for HF and an APRS station with color monitor on 145.790 monitoring all the San Diego area action. This all thanks to Jack N6FUG who is the Projectionist for the Center's IMAX theater. Aided by area Hams, the Ham station will be expanded to feature SSTV, OSCAR Satellite and other Ham items, but APRS continues to be the highlight of the exhibit. Visitors watch the mobiles drive around and learn about how the GPS sats make it all possible. If you plan to visit San Diego, be sure to stop by the Museum and see this station! They have established a theme called "SIGNALS" and besides the Ham Station, have a Morse Code pair of stations where visitors can communicate across the room with this unusual (?) method.

73, Pat Bunsold WA6MHZ, ARRL San Diego Section Manager

From rroberts@mcs.com Sat Oct 19 13:12:16 1996  
Received: from Kitten.mcs.com (Kitten.mcs.com [192.160.127.90]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA24487 for <aprssig@tapr.org>; Sat, 19 Oct 1996 13:12:14 -0500 (CDT)  
Received: from rroberts.pr.mcs.net (rroberts.pr.mcs.net [199.3.42.87]) by Kitten.mcs.com (8.8.0/8.8.Beta.3) with SMTP id NAA03030 for <aprssig@tapr.org>; Sat, 19 Oct 1996 13:12:08 -0500 (CDT)  
Message-ID: <326919EE.EA0@mcs.com>  
Date: Sat, 19 Oct 1996 13:11:58 -0500  
From: Richard Roberts <rroberts@mcs.com>  
X-Mailer: Mozilla 2.0 (Win95; U)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5445] smallest gps/tnc

References: <199610072200.SAA20931@hemisphere.neocomm.net>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Charles W. Davidson wrote:

>  
>  
> I plan on doing a Thru-hike of the Appalacian Trail next  
> year. My APRS/GPS mobile is hoplessly too large to consider carrying  
> on a six month hike. Whats the smallest, lightest gps/tnc available  
> now? It shure would be neat to plot my 2000 mile hike from Georgia to  
> Maine via APRS! My budget will probally not let me purchase such a  
> system. However I would still enjoy getting some more info.  
>  
> Also for fellow map makers, the Trail was hiked with  
> GPS this year. This weekend at Carlise, PA there is a Gathering of  
> Long Distance Hikers. At this event I should meet the fellow that made  
> this gps-hike and inquire about getting the data for us mapmakers.  
>  
> Charles  
>  
> cdavidso@neocomm.net  
> http://www.neocomm.net/~cdavidso/  
> WB4PAN@WB4QOJ.VA.USA.NOAM  
> wb4pan@juno.com  
> APRS ALDHA ATC  
> Georgia>97>Main Chase

I just got back from a trip to Florida and used a Garmin 45XL about \$300.00 and a Kantronics KPC3(cost around \$115.00) which will run on a 9 volt battery and a 5 watt ICOM Handie Talkie. It worked fine. You might try using a Mag Mount also.

Hope this helps.

Rich

From alanwc7r@primenet.com Sat Oct 19 16:27:30 1996

Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA01256 for <aprssig@tapr.org>; Sat, 19 Oct 1996 16:27:26 -0500 (CDT)

Received: from primenet.primenet.com (ip199.prc.primenet.com [204.212.56.199]) by primenet.com (8.8.0/8.8.0) with SMTP id OAA14519 for <aprssig@tapr.org>; Sat, 19 Oct 1996 14:27:17 -0700 (MST)

Message-Id: <2.2.32.19961019212733.0067b720@mailhost.primenet.com>

X-Sender: alanwc7r@mailhost.primenet.com

X-Mailer: Windows Eudora Pro Version 2.2 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sat, 19 Oct 1996 14:27:33 -0700

To: aprssig@tapr.org

From: "Alan K. Unangst" <alanwc7r@primenet.com>

Subject: What is W95gps39.zip ??

I saw the file W95gps39.zip. What is this file? I enjoy APRS\GPS and was wondering if this file would be helpful.

Thanks for the help & 73, Alan  
Alan K. Unangst, WC7R  
E-mail: alanwc7r@primenet.com  
Amateur Radio Packet: WC7R @ KB7FRV

From vodall@juno.com Sat Oct 19 17:20:54 1996  
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA03138 for <aprssig@tapr.org>; Sat, 19 Oct 1996 17:20:52 -0500 (CDT)  
From: vodall@juno.com  
Received: (from vodall@juno.com) by x4.boston.juno.com (queueemail) id SAB09072; Sat, 19 Oct 1996 18:20:44 EDT  
To: aprssig@tapr.org  
Date: Sat, 19 Oct 1996 16:25:24 MST  
Subject: Gathering Wx data  
Message-ID: <19961019.162527.4887.1.vodall@juno.com>  
X-Mailer: Juno 1.00  
X-Juno-Line-Breaks: 0,2-5,12-13,15-18

I've been following this mailing list and monitoring the activity on 30 meters. Looks like lots of fun.

A couple questions:

Is there some summary document that describes the various ways that weather and other analog data can be acquired by a PC? I picked up a Radio Shack in-door/out-door electronic thermometer last week. It's neat to look up and see the digital reading of the outside temperature - but having it available in the computer would be even better. I realized there's got to be a better way after writing down the third temperature reading.

Has anybody set up an input to record current sunlight? Something relative like 0 for pitch dark to 100 for bright sun?

Tnx es 73,  
Bill - WA7NWP

From z004391b@bcfreenet.seflin.lib.fl.us Sat Oct 19 18:30:04 1996  
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us [199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA05089 for <aprssig@tapr.org>; Sat, 19 Oct 1996 18:30:01 -0500 (CDT)  
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12) id TAA15488; Sat, 19 Oct 1996 19:29:28 -0400  
Date: Sat, 19 Oct 1996 19:29:28 -0400 (EDT)  
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>  
Subject: Re: [APRSSIG:5680] W95 naming convention  
To: aprssig@tapr.org  
cc: aprssig@tapr.org

In-Reply-To: <19961018.221850.8247.0.ddobbins@juno.com>  
Message-ID: <Pine.3.89.9610191907.C9858-0100000@bcfreenet.seflin.lib.fl.us>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

You can use Xtree to copy the file to a new directory, or even to delete the directory.

Xtree is a really useful program but is a DOS program and if you use a DOS program to copy a file with a long filename or directoryname then it will not be identical to it's Win95 file or directory. To properly copy files or directories you must use something like the Win95 Explorer.

73,

John W. Wilson, KN4HX  
z004391b@bcfreenet.seflin.lib.fl.us

On Sat, 19 Oct 1996, David S Dobbins wrote:

> Hi SIG. Will somebody literate w/both W95 and W3.1 please tell me how to  
> fix the following problem:

>

> Tonite I downloaded the Powerpoint presentations in the aprs sig  
> presentation subdirectory. I unzipped the file and it created a sub  
> directory called "my docum" where the file is stored. I'm using W3.1, so  
> can't do anything with a directory that apparently was created with W95,  
> because it has a space between the MY and DOCUM. I can't rename the  
> directory, can't delete it, can't move it, etc. Nor can I open the file  
> thru PP because it doesn't recognize the space in the directory name.

>

> Help please.

>

> David S. Dobbins/WH6YC            Pacific Northwest APRS Coordinator  
> POB 553    404 N Third St            Email: ddobbins@juno.com  
> Pe Ell, WA 98572-0553            VHF 147.06 T110.9, or 145.43  
> tel: 360-291-3707            APRS 145.79, 145.75  
> pager: 800-514-7489            "In GOD we trust, all others we track by  
> GPS"  
>

From z004391b@bcfreenet.seflin.lib.fl.us Sat Oct 19 18:35:42 1996  
Received: from bcfreenet.seflin.lib.fl.us (z004391b@bcfreenet.seflin.lib.fl.us  
[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA05510 for  
<aprssid@tapr.org>; Sat, 19 Oct 1996 18:35:41 -0500 (CDT)  
Received: (from z004391b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)  
id TAA17023; Sat, 19 Oct 1996 19:35:09 -0400  
Date: Sat, 19 Oct 1996 19:35:08 -0400 (EDT)  
From: John W Wilson <z004391b@bcfreenet.seflin.lib.fl.us>  
Subject: Re: [APRSSIG:5684] NMEA question  
To: aprssid@tapr.org

cc: aprssig@tapr.org  
In-Reply-To: <961019105754\_129707315@emout19.mail.aol.com>  
Message-ID: <Pine.3.89.9610191940.D9858-01000000@bcfreenet.seflin.lib.fl.us>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

It is basically an indicator of how well your gps is receiving the satellites. If you are receiving the satellites well, and you have enough satellites in view, then the dilution number will be low. Your GPS accuracy, or confidence level, is good.

John W. Wilson, KN4HX  
z004391b@bcfreenet.seflin.lib.fl.us

On Sat, 19 Oct 1996 TCox17892@aol.com wrote:

> Can someone explain, or direct me to an explanation of, the concept "dilution  
> of precision" as used in NMEA sentences? Don't understand whether it is a  
> percentage (and how it is applied), or something else.  
>

From lylej@azstarnet.com Sat Oct 19 19:42:09 1996  
Received: from mailhost.azstarnet.com (mailhost.azstarnet.com [169.197.1.8]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA07765 for <aprssig@tapr.org>; Sat, 19  
Oct 1996 19:42:07 -0500 (CDT)  
Received: from tomswift2 (usr10ip6.azstarnet.com [169.197.11.6]) by  
mailhost.azstarnet.com (8.7.6/8.7.6) with SMTP id RAA27695 for <aprssig@tapr.org>;  
Sat, 19 Oct 1996 17:40:30 -0700 (MST)  
Date: Sat, 19 Oct 1996 17:40:30 -0700 (MST)  
Message-Id: <1.5.4.32.19961019174055.00358f68@pop.azstarnet.com>  
X-Sender: lylej@pop.azstarnet.com  
X-Mailer: Windows Eudora Light Version 1.5.4 (32)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: Lyle Johnson <lylej@azstarnet.com>  
Subject: Re: [APRSSIG:5693] Re: NMEA question

Dilution of PRecision is really an indication of geometry. For example, I work a lot in mines, where at the bottom of a deep open pit we might have 5 satellites in view, with good signal strength, but the aperture (field of view) is so constrained by the geometry of the pit that the Dilution of Precision is a high value and, as a result, the accuracy of the "fix" is low.

Cheers,

Lyle

At 06:50 PM 10/19/96 -0500, you wrote:

>It is basically an indicator of how well your gps is receiving the  
>satellites. If you are receiving the satellites well, and you have

>enough satellites in view, then the dilution number will be low. Your  
>GPS accuracy, or confidence level, is good.  
>  
>  
>John W. Wilson, KN4HX  
>z004391b@bcfreenet.seflin.lib.fl.us  
>  
>  
>On Sat, 19 Oct 1996 TCox17892@aol.com wrote:  
>  
>> Can someone explain, or direct me to an explanation of, the concept "dilution  
>> of precision" as used in NMEA sentences? Don't understand whether it is a  
>> percentage (and how it is applied), or something else.  
>>  
>  
>  
>

From w4wwwq@juno.com Sat Oct 19 19:50:36 1996  
Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA08179 for <aprssig@tapr.org>; Sat, 19  
Oct 1996 19:50:35 -0500 (CDT)  
Received: (from w4wwwq@juno.com) by x3.boston.juno.com (queuemail)  
id UAA17323; Sat, 19 Oct 1996 20:49:44 EDT  
To: aprssig@tapr.org  
Cc: aprssig@tapr.org  
Date: Sat, 19 Oct 1996 20:03:57 PST  
Subject: Re: smallest gps/tnc  
Message-ID: <19961019.204702.4543.0.W4WWQ@juno.com>  
References: <326919EE.EA0@mcs.com>  
X-Mailer: Juno 1.00  
X-Juno-Line-Breaks: 0-5,7-10,12-13,15-18  
From: w4wwwq@juno.com (Peter J Lascell)

>Charles W. Davidson wrote:  
>>  
>> I plan on doing a Thru-hike of the Appalacian Trail next year .

[snip]

> consider carrying on a six month hike.

[snip]

On Sat, 19 Oct 1996 13:14:16 -0500 (CDT) Richard Roberts

<rroberts@mcs.com> writes:

> You might try using a Mag Mount also.

>

=====

Charles wants to take this APRS/GPS rig walking thru the woods for 6  
months.

I don't think the mag mount will stick to the nylon pack material or pack  
frame of aluminium .

Pete Lascell  
W4WWQ@juno.com



From clark@tomcat.gsfc.nasa.gov Sun Oct 20 00:26:31 1996  
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA20109 for <aprssig@tapr.org>; Sun, 20 Oct 1996 00:26:30 -0500 (CDT)  
From: clark@tomcat.gsfc.nasa.gov  
Received: by tomcat.gsfc.nasa.gov (920411 (KA9Q+W3IWI))  
id AA1361 ; Sun, 20 Oct 96 05:24:14 UTC  
Date: Sun, 20 Oct 96 05:24:14 UTC  
Message-Id: <1362@tomcat.gsfc.nasa.gov>  
To: aprssig@tapr.org  
Cc: aprssig@tapr.org  
Subject: Re: [APRSSIG:5685] GPS 20 data question.  
In-Reply-To: your message of Sat, 19 Oct 1996 10:09:52 -0500 (CDT).  
<961019110342\_129709204@emout10.mail.aol.com>

The "M"s are required fields for GGA -- they state that the altitude and geoid separation are in units of meters. The two trailing commas are nulls for the DGPS correction age and reference station ID

73, Tom

From clark@tomcat.gsfc.nasa.gov Sun Oct 20 00:33:59 1996  
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA20437 for <aprssig@tapr.org>; Sun, 20 Oct 1996 00:33:56 -0500 (CDT)  
From: clark@tomcat.gsfc.nasa.gov  
Received: by tomcat.gsfc.nasa.gov (920411 (KA9Q+W3IWI))  
id AA1368 ; Sun, 20 Oct 96 05:26:13 UTC  
Date: Sun, 20 Oct 96 05:26:13 UTC  
Message-Id: <1369@tomcat.gsfc.nasa.gov>  
To: aprssig@tapr.org  
Cc: aprssig@tapr.org  
Subject: Re: [APRSSIG:5684] NMEA question  
In-Reply-To: your message of Sat, 19 Oct 1996 10:07:35 -0500 (CDT).  
<961019105754\_129707315@emout19.mail.aol.com>

Dilution of Precision is a multiplier. It says that if the fundamental accuracy of GPS is X on the individual satellites, then the resulting navigation parameter is poorer by a factor of xDOP due to the geometry of the satellites the receiver is currently using. There are several DOPs in common use: GDOP, PDOP, HOPDOP, VDOP, TDOP. The "G"=General, P=Position, H=Horizontal, V=Vertical & T=Time.  $PDOP = \sqrt{HDOP^2 + VDOP^2}$  relates the overall positional accuracy to the Horizontal and Vertical measurements. GDOP includes contributions from H,V & T. The mathematical definition relates to the value of the diagonal elements of the covariance matrix used to convert timing measurements on the satellites into position determinations.

73, Tom

From ddobbins@juno.com Sun Oct 20 07:44:31 1996  
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTTP id HAA03235 for <aprssig@tapr.org>; Sun, 20 Oct 1996 07:44:29 -0500 (CDT)  
Received: (from ddoobbins@juno.com) by x11.boston.juno.com (queueemail)  
id IAE18751; Sun, 20 Oct 1996 08:43:54 EDT  
To: aprssig@tapr.org  
Date: Sun, 20 Oct 1996 05:34:45 PDT  
Subject: YESTERDAY'S PPT PROB FIXED  
Message-ID: <19961020.054213.4471.4.ddoobbins@juno.com>  
X-Mailer: Juno 1.15  
X-Juno-Line-Breaks: 4-10  
From: ddoobbins@juno.com (David S Dobbins)

Thanks to Thom Griffin for providing solution to yesterday's PPT question. I was able to del the "MY DOCUM" folder from W3.1 using the DELTREE command. Once I was able to get at the APRS PPT file, my W3.1 PPT program wouldn't open it. Perhaps the file was created using a newer W95 version?

|                       |                                    |
|-----------------------|------------------------------------|
| David S. Dobbins      | Greater Northwest APRS Coordinator |
| POB 553               | Covering MT, OR, ID, WA            |
| 404 N. Third St       | APRS Freqs: 145.75, 145.79         |
| Pe Ell, WA 98572-0553 |                                    |
| Tel: (360) 291-3707   | Email: ddoobbins@juno.com          |

From TCox17892@aol.com Sun Oct 20 08:37:44 1996  
Received: from emout08.mail.aol.com (emout08.mx.aol.com [198.81.11.23]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA04673 for <aprssig@tapr.org>; Sun, 20 Oct 1996 08:37:42 -0500 (CDT)  
From: TCox17892@aol.com  
Received: by emout08.mail.aol.com (8.6.12/8.6.12) id JAA15157 for aprssig@tapr.org; Sun, 20 Oct 1996 09:37:10 -0400  
Date: Sun, 20 Oct 1996 09:37:10 -0400  
Message-ID: <961020093709\_1514391635@emout08.mail.aol.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5696] Re: GPS 20 data question.

Thanks for your reply. If I understand you correctly, the GPS-20 documentation should be corrected to add two fields, which we might call <9.5> and <10.5>, which have the (constant?) value, "M"

From schiers@ames.net Sun Oct 20 09:03:00 1996  
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA05241 for <aprssig@tapr.org>; Sun, 20 Oct 1996 09:02:58 -0500 (CDT)  
From: schiers@ames.net  
Message-Id: <199610201402.JAA05241@tapr.org>  
Received: from [206.29.126.237] by ames.net id 47610.wrk; Sun, 20 Oct 1996 08:59:06 -0600  
Date: Sun, 06 Oct 96 09:11:25 -0500  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5405] Re: Pico Packet - questions...  
In-Reply-To: <825258@bbs.ames.net>  
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.14

In <825258@bbs.ames.net>, on 10/05/96 at 10:02 PM,  
aprssig@tapr.org said:

>I run mine at 10.5 v with no trouble .....I have never trusted the  
>manual that says it is good to 13.5.....I also back it off to take  
>care of any v spikes that might occur on/off of the power supply.

I have been running mine at whatever comes out of the cig light plug  
(which is certainly 13.5 or greater at full charge) for five or six months  
without any problems. I am afraid it is also seeing the spike on engine  
start, which has also caused no problems. If the pico were that fragile,  
either I have been extraordinarily lucky, or it is not as fragile as some  
would believe. 73,

hasan schiers, NOAN

-----  
schiers@ames.net  
-----

From glittle@awod.com Sun Oct 20 11:26:31 1996  
Received: from sumter.awod.com (awod.com [198.81.225.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id LAA09756 for <aprssig@tapr.org>; Sun, 20 Oct 1996  
11:26:30 -0500 (CDT)  
Received: from chs0056.awod.com (chs0056.awod.com [198.81.225.165]) by  
sumter.awod.com (8.7.6/8.6.12) with SMTP id MAA15320 for <aprssig@tapr.org>; Sun,  
20 Oct 1996 12:26:25 -0400 (EDT)  
Message-Id: <199610201626.MAA15320@sumter.awod.com>  
X-Sender: glittle@awod.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sun, 20 Oct 1996 12:37:22 -0400  
To: aprssig@tapr.org  
From: Glenn Little <glittle@awod.com>  
Subject: Re: [APRSSIG:5691] Gathering Wx data

At 05:39 PM 10/19/96 -0500, you wrote:

>  
>I've been following this mailing list and monitoring the activity on 30  
>meters. Looks like lots of fun.  
>  
>A couple questions:  
>  
>Is there some summary document that describes the various ways that  
>weather and other analog data can be acquired by a PC? I picked up a  
>Radio Shack in-door/out-door electronic thermometer last week. It's  
>neat to look up and see the digital reading of the outside temperature -  
>but having it available in the computer would be even better. I realized  
>there's got to be a better way after writing down the third temperature  
>reading.  
>  
>Has anybody set up an input to record current sunlight? Something

>relative like 0 for pitch dark to 100 for bright sun?

>

>Tnx es 73,

>Bill - WA7NWP

>

>

>

A cadmium-sulfide solar cell is high resistance in the dark and low resistance in light. The resistance varies as the light falling on it. Maybe this is what you are looking for?

73

Glenn Little

WB4UIV

WB4UIV@amsat.org

glittle@awod.com

From jbc5@po.cwru.edu Sun Oct 20 13:47:43 1996

Received: from celeste.INS.CWRU.Edu (root@celeste.INS.CWRU.Edu [129.22.8.214]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA13846 for <aprssig@tapr.org>; Sun, 20 Oct 1996 13:47:41 -0500 (CDT)

Received: from jbc5-ra.cwru.edu (jbc5-ra.F-REMOTE.CWRU.Edu [129.22.125.6]) by celeste.INS.CWRU.Edu with ESMTP (8.7.6+cwru/CWRU-3.0)

id OAA04653; Sun, 20 Oct 1996 14:47:33 -0400 (EDT) (from jbc5@po.cwru.edu for <aprssig@tapr.org>)

Message-Id: <199610201847.0AA04653@celeste.INS.CWRU.Edu>

From: "Joseph B. Carter" <jbc5@po.cwru.edu>

To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:5700] Re: Pico Packet - questions...

Date: Sun, 20 Oct 1996 14:43:57 -0400

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

-----

> From: schiers@ames.net

> To: aprssig@tapr.org

> Subject: [APRSSIG:5700] Re: Pico Packet - questions...

> Date: Sunday, October 20, 1996 10:09 AM

>

> In <825258@bbs.ames.net>, on 10/05/96 at 10:02 PM,

> aprssig@tapr.org said:

>

> >I run mine at 10.5 v with no trouble .....I have never trusted the

> >manual that says it is good to 13.5.....I also back it off to take

> >care of any v spikes that might occur on/off of the power supply.

>  
> I have been running mine at whatever comes out of the cig light plug  
> (which is certainly 13.5 or greater at full charge) for five or six  
months  
> without any problems. I am afraid it is also seeing the spike on engine  
> start, which has also caused no problems. If the pico were that fragile,  
> either I have been extraordinarily lucky, or it is not as fragile as some  
> would believe. 73,  
>

> hasan schiers, NOAN

> -----

> schiers@ames.net

> -----

I too run my Garmin 45 and Pico directly from cig light plug, 6+  
months and no problems with either. 73

Joe Carter, AA8SF  
jbc5@po.cwru.edu

From pgilmore@beachnet.org Sun Oct 20 14:01:31 1996  
Received: from beachnet.org (bduncan.tor.hookup.net [165.154.49.27]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id 0AA14248 for <aprssig@tapr.org>; Sun, 20 Oct 1996  
14:00:47 -0500 (CDT)  
Received: from va3prg ([204.225.64.52]) by beachnet.org with smtp  
(Smail3.1.29.1 #7) id m0vF377-0000FcC; Sun, 20 Oct 96 15:00 EDT  
Message-ID: <326A76BE.3F06@beachnet.org>  
Date: Sun, 20 Oct 1996 15:00:14 -0400  
From: Paul Gilmore <pgilmore@beachnet.org>  
X-Mailer: Mozilla 3.01b1Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5690] What is W95gps39.zip ??  
References: <2.2.32.19961019212733.0067b720@mailhost.primenet.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Alan K. Unangst wrote:

>  
> I saw the file W95gps39.zip. What is this file? I enjoy APRS\GPS and was  
> wondering if this file would be helpful.  
>  
> Thanks for the help & 73, Alan  
> Alan K. Unangst, WC7R  
> E-mail: alanwc7r@primenet.com  
> Amateur Radio Packet: WC7R @ KB7FRV

Its the New WINGPS program for the Garmin gps's , try it...  
--

Paul Gilmore 416-447-7964(voice) 416-447-8868(fax)  
AX25 VA3PRG@VA3BBS.#SCON.ON.CA.NA  
EMAIL pgilmore@beachnet.org

From vodall@juno.com Sun Oct 20 14:18:13 1996  
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA14907 for <aprssig@tapr.org>; Sun, 20  
Oct 1996 14:18:10 -0500 (CDT)  
From: vodall@juno.com  
Received: (from vodall@juno.com) by x4.boston.juno.com (queuemail)  
id PAA27629; Sun, 20 Oct 1996 15:06:10 EDT  
To: aprssig@tapr.org  
Date: Sun, 20 Oct 1996 13:05:40 MST  
Subject: Re: Gathering Wx data  
Message-ID: <19961020.130542.5487.1.vodall@juno.com>  
References: <199610201626.MAA15320@sumter.awod.com>  
X-Mailer: Juno 1.00  
X-Juno-Line-Breaks: 0,2-32,34-36,39-41,43-48

On Sun, 20 Oct 1996 11:45:17 -0500 (CDT) Glenn Little <glittle@awod.com>  
writes:

>At 05:39 PM 10/19/96 -0500, you wrote:

>>

>>I've been following this mailing list and monitoring the activity on

>30

>>meters. Looks like lots of fun.

>>

>>A couple questions:

>>

>>Is there some summary document that describes the various ways that

>>weather and other analog data can be acquired by a PC? I picked up

>a

>>

>>Has anybody set up an input to record current sunlight? Something

>>relative like 0 for pitch dark to 100 for bright sun?

>>

>>Tnx es 73,

>>Bill - WA7NWP

>>

>>

>>

>

>A cadnium-sulfide solar cell is high resistance in the dark and low

>resistance in light. The resistance varies as the light falling on

>it.

>Maybe this is what you are looking for?

>

>73

>Glenn Little

>WB4UIV

Hooking up a photo cell like that will be pretty easy once the analog  
input  
ports are available. I was curious if anybody was already doing that.

My assumption is, that with APRS, certain broadcast data values such as

temperature are pre-defined but there are other misc fields available.  
Is  
this true?

The really big quest is: what hardware options are there to add this  
data  
gathering capability to my system???

73,  
Bill - WA7NWP

From n2zso@cyberenet.net Sun Oct 20 14:49:46 1996  
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA16027 for <aprssig@tapr.org>; Sun, 20  
Oct 1996 14:49:45 -0500 (CDT)  
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp  
(Smail3.1.29.1 #7) id m0vF3sW-000NzcC; Sun, 20 Oct 96 15:49 EDT  
Received: from LOCALNAME by ux1.cyberenet.net with smtp  
(Smail3.1.29.1 #8) id m0vF3sV-0006FsC; Sun, 20 Oct 96 15:49 EDT  
Date: Sun, 20 Oct 96 15:49 EDT  
Message-Id: <1.5.4.16.19961020155652.302f5a2a@cyberenet.net>  
X-Sender: n2zso@cyberenet.net  
X-Mailer: Windows Eudora Light Version 1.5.4 (16)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: Bill Davis <n2zso@cyberenet.net>  
Subject: Re: [APRSSIG:5704] Re: Gathering Wx data

At 02:31 PM 10/20/96 -0500, you wrote:

>  
>On Sun, 20 Oct 1996 11:45:17 -0500 (CDT) Glenn Little <glittle@awod.com>  
>writes:  
>>At 05:39 PM 10/19/96 -0500, you wrote:  
>>>  
>>>I've been following this mailing list and monitoring the activity on  
>>30  
>>>meters. Looks like lots of fun.  
>>>  
>>>A couple questions:  
>>>  
>>>Is there some summary document that describes the various ways that  
>>>weather and other analog data can be acquired by a PC? I picked up  
>>a  
>>>  
>>>Has anybody set up an input to record current sunlight? Something  
>>>relative like 0 for pitch dark to 100 for bright sun?  
>>>  
>>>Tnx es 73,  
>>>Bill - WA7NWP  
>>>  
>>>  
>>>

>>  
>>A cadnium-sulfide solar cell is high resistance in the dark and low  
>>resistance in light. The resistance varies as the light falling on  
>>it.  
>>Maybe this is what you are looking for?  
>>  
>>73  
>>Glenn Little  
>>WB4UIV  
>  
>Hooking up a photo cell like that will be pretty easy once the analog  
>input  
>ports are available. I was curious if anybody was already doing that.  
>  
>My assumption is, that with APRS, certain broadcast data values such as  
>temperature are pre-defined but there are other misc fields available.  
>Is  
>this true?  
>  
>The really big quest is: what hardware options are there to add this  
>data  
>gathering capability to my system???  
>  
>73,  
>Bill - WA7NWP  
>  
>  
Bill; I don't know that much in ref. to aprs myself...I do know that the  
ultimeter II has an interface that go into the pc and then all info should  
go to the aprs program....also kyou can connect a gps to some tncs for use  
with aprs..... Hope this helps....73 de Bill>  
Bill Davis, N2ZSO Cumberland Co.  
Skywarn  
Millville, NJ Phone: (609)  
825-1052  
Fax: (609) 327-5237

From n2iph@cyberenet.net Sun Oct 20 14:54:06 1996  
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA16209 for <aprssig@tapr.org>; Sun, 20  
Oct 1996 14:54:04 -0500 (CDT)  
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp  
(Smail3.1.29.1 #7) id m0vF3wg-000NzcC; Sun, 20 Oct 96 15:54 EDT  
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp  
(Smail3.1.29.1 #8) id m0vF3wd-0006FiC; Sun, 20 Oct 96 15:53 EDT  
Message-ID: <326A8239.112F@cyberenet.net>  
Date: Sun, 20 Oct 1996 15:49:13 -0400  
From: Bob Derderian <n2iph@cyberenet.net>  
Reply-To: n2iph@cyberenet.net  
Organization: I&C  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org



Subject: Re: [APRSSIG:5704] Re: Gathering Wx data  
References: <19961020.130542.5487.1.vodall@juno.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

There are a host of options available for data acquisition with desktop PCs, though none will interface with APRS that I know of.

It may be possible for SOME of these devices to be connected to a TNC much in the same way that a GPS can be at the serial level, provided that the device has a serial port (some are on ISA or VL-bus type PC cards).

The Kantronics KTU I believe can be interfaced with a variety of devices.

You might want to check out some of the following websites:

[www.omega.com](http://www.omega.com)  
[www.natinst.com](http://www.natinst.com)  
[www.isa.org](http://www.isa.org) (links and info on many related sites)

there are many others, try a search on 'data acquisition' at Yahoo or Alta-Vista.

Hope this helps,  
Bob

From n2iph@cyberenet.net Sun Oct 20 15:18:14 1996  
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA17024 for <aprssig@tapr.org>; Sun, 20 Oct 1996 15:18:12 -0500 (CDT)  
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp (Smail3.1.29.1 #7) id m0vF4K2-000NyfC; Sun, 20 Oct 96 16:18 EDT  
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp (Smail3.1.29.1 #8) id m0vF4Jz-0006FXC; Sun, 20 Oct 96 16:18 EDT  
Message-ID: <326A87DF.3EA8@cyberenet.net>  
Date: Sun, 20 Oct 1996 16:13:20 -0400  
From: Bob Derderian <n2iph@cyberenet.net>  
Reply-To: n2iph@cyberenet.net  
Organization: I&C  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: APRS discussion group <aprssig@tapr.org>  
Subject: NI's Javatized Weather page  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If you are running Netscape 3.0 or Internet Explorer 3.0 try these Java wx instruments out;

<http://weather.natinst.com/javaweather/>

From kc5ejk@onramp.net Sun Oct 20 15:46:26 1996  
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA18002 for <aprssig@tapr.org>; Sun, 20 Oct 1996 15:46:25 -0500 (CDT)  
Received: from [199.1.11.101] (dal01.onramp.net [199.1.11.101]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id PAA06400; Sun, 20 Oct 1996 15:46:20 -0500 (CDT)  
Message-Id: <v02140b01ae904c87e0c4@[199.1.11.101]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sun, 20 Oct 1996 15:48:08 -0600  
To: aprssig@tapr.org  
From: kc5ejk@onramp.net (Robert Winingham)  
Subject: Re: [APRSSIG:5685] GPS 20 data question.  
Cc: TCox17892@aol.com

>In the \$GPGGA output from my GPS-20, the first nine fields look plausible.  
> They are followed by ",M,-34.1,M,," an asterisk, and a checksum.  
>  
>This looks like one too many fields, and I don't understand the "M"s. I am  
>not providing differential input, so expected a geoidal height, followed by a  
>couple of nulls.  
>  
>Any idea what's going on?

There are Three Good FAQ to read  
GPS FAQ  
Garmin-45/30/90 FAQ  
NMEA FAQ

From: The NMEA FAQ Version 5.0 Apr. 10, 1996 -- P.Bennett WWW site.

-----  
GGA - Global Positioning System Fix Data  
GGA,123519,4807.038,N,01131.324,E,1,08,0.9,545.4,M,46.9,M, , \*42  
123519 Fix taken at 12:35:19 UTC  
4807.038,N Latitude 48 deg 07.038' N  
01131.324,E Longitude 11 deg 31.324' E  
1 Fix quality: 0 = invalid  
1 = GPS fix  
2 = DGPS fix  
08 Number of satellites being tracked  
0.9 Horizontal dilution of position  
545.4,M Altitude, Metres, above mean sea level  
46.9,M Height of geoid (mean sea level) above WGS84  
ellipsoid  
(empty field) time in seconds since last DGPS update  
(empty field) DGPS station ID number  
-----

RMC - Recommended minimum specific GPS/Transit data  
RMC,225446,A,4916.45,N,12311.12,W,000.5,054.7,191194,020.3,E\*68

```

225446      Time of fix 22:54:46 UTC
A           Navigation receiver warning A = OK, V = warning
4916.45,N   Latitude 49 deg. 16.45 min North
12311.12,W  Longitude 123 deg. 11.12 min West
000.5       Speed over ground, Knots
054.7       Course Made Good, True
191194      Date of fix 19 November 1994
020.3,E     Magnetic variation 20.3 deg East
*68         mandatory checksum

```

```

-----
VTG - Track made good and ground speed
VTG,054.7,T,034.4,M,005.5,N,010.2,K
054.7,T     True track made good
034.4,M     Magnetic track made good
005.5,N     Ground speed, knots
010.2,K     Ground speed, Kilometers per hour
-----

```

I use RMC most of the time with my GPS tracker to get position, Course and speed. I have the TNC output a GGA every once in a while so I get Altitude.

73

Bob - Dallas,TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

```

From cjcavanagh@msn.com Sun Oct 20 18:59:57 1996
Received: from upsmot01.msn.com (upsmot01.msn.com [204.95.110.78]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id SAA24888 for <aprssig@tapr.org>; Sun, 20 Oct 1996
18:59:56 -0500 (CDT)
Received: from upmajb04.msn.com ([204.95.110.81]) by upsmot01.msn.com (8.6.8.1/
Configuration 4) with SMTP id QAA09700 for <aprssig@tapr.org>; Sun, 20 Oct 1996
16:53:06 -0700
Date: Sun, 20 Oct 96 23:58:57 UT
From: "Carolyn Cavanagh" <cjcavanagh@msn.com>
Message-Id: <UPMAIL02.199610210000250479@msn.com>
To: aprssig@tapr.org
Subject: RE: [APRSSIG:5687] RE: renaming files with a blank in the file name

```

Replace the "space" in file name with a "?" and you will be able to rename the file from DOS. Interestingly, GWBASIC will handle the blank in a file name but, you will have to consult the manual for the BASIC equivalents of "delete" and "rename" i.e. "kill" and "name"

jack cavanagh, KB4XF  
cjcavanagh@msn.com

```

From cbuttsch@slonet.org Sun Oct 20 19:29:22 1996
Received: from spork.callamer.com (cbuttsch@spork.callamer.com [199.74.141.2]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA25629 for <aprssig@tapr.org>; Sun, 20
Oct 1996 19:29:10 -0500 (CDT)
Received: from localhost (cbuttsch@localhost) by spork.callamer.com (8.7.6/8.7.3)

```

with SMTP id RAA29441; Sun, 20 Oct 1996 17:25:14 -0700 (PDT)  
Date: Sun, 20 Oct 1996 17:25:14 -0700 (PDT)  
From: Clifford Buttschardt <cbuttsch@slonet.org>  
X-Sender: cbuttsch@spork.callamer.com  
To: Donald Rotolo <73227.2644@CompuServe.COM>  
cc: aprssig@tapr.org  
Subject: Re: [APRSSIG:5568] Re: homemade patch antenna sucess  
In-Reply-To: <961018021346\_73227.2644\_EHM41-4@CompuServe.COM>  
Message-ID: <Pine.GS0.3.95.961020171557.28610A-1000000@spork.callamer.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Don. I am most pleased that you had sucess getting the "simple patch" going. I really enjoy seeing complicated things reduced to simplicity.

Yes, hot glue seems a good insulator. Time will tell. As for the BNC connector, in a later model I placed a chassis mount below the ground plane and found it just right as a foot for the other Nylon feet.

I just returned from PACIFICON where there were many pontificating about patch antennas an not a soul that had any technical depth, so I continue to suggest you fabricate to 3% tolerance until we know otherwise. Is there anyone on the SIG that knows the design equations for a patch antenna? Might be useful to know! Cliff Buttschardt K7RR

On 17 Oct 1996, Donald Rotolo wrote:

> In the article, the author states that the dimensions of the patch should be  
> held to 3% -- I'm well within 1%, maybe 1/2%.  
>  
> Of course, the fact that I mis-assembled the BNC connector so it had no contact  
> couldn't have anything to do with it's not working, now could it ??? <g>  
>  
> I have to re-do the cable part, and try again. I did check the hot melt glue  
> I'm using and it is an excellent insulator.  
>  
> Thanks for the encouragement and good technical comments. ONCE I get this whole  
> thing straightened out, I'll post my findings to the SIG. Oh, and I found a few  
> sheets of copper flashing in the garage, so guess what I'll be using for the  
> next batch of patches...  
>  
> Regards,  
> Don N2IRZ  
>  
>

From ku0g@sprynet.com Sun Oct 20 19:57:06 1996  
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id TAA26590 for <aprssig@tapr.org>; Sun, 20 Oct 1996  
19:57:04 -0500 (CDT)  
Received: from JIMDUNCA (TS2-P79.WWI.NET [204.153.64.179]) by m1.sprynet.com  
(8.6.12/8.6.12) with SMTP id RAA13246 for <aprssig@tapr.org>; Sun, 20 Oct 1996  
17:56:57 -0700  
Date: Sun, 20 Oct 1996 17:56:57 -0700  
Message-Id: <199610210056.RAA13246@m1.sprynet.com>

X-Sender: ku0g@m1.sprynet.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: James Duncan <ku0g@sprynet.com>  
Subject: Kansas City APRS Net....

The Kansas City APRS Working Group sponsors an APRS net on 145.43 (-600) locally every Sunday evening beginning at around 2030 CDT/CST. The net convenes immediately following the KC ATV Net. Check-ins are taken by both voice and APRS.

We want to invite ALL APRS users nation-wide to participate via HF APRS. To check in, send a message to KU0G-1. We are monitoring both HF (10.151 MHz) and VHF (145.79 MHz). Your ACK will confirm your QNI. I will post a message to the SIG right after the net to list all check-ins received!

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Sun Oct 20 21:30:58 1996  
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA29957 for <aprssig@tapr.org>; Sun, 20 Oct 1996 21:30:57 -0500 (CDT)  
Received: from JIMDUNCA (TS2-P95.WWI.NET [204.153.64.195]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id TAA29517 for <aprssig@tapr.org>; Sun, 20 Oct 1996 19:30:54 -0700  
Date: Sun, 20 Oct 1996 19:30:54 -0700  
Message-Id: <199610210230.TAA29517@m1.sprynet.com>  
X-Sender: ku0g@m1.sprynet.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: James Duncan <ku0g@sprynet.com>  
Subject: KC APRS Net Check-Ins 10/20/96

NV00 - DAVID, LEE'S SUMMIT, MO  
KA0JLF - DON, OVERLAND PARK, KS.  
WA0NKE - DALE, KANSAS CITY NORTH, MO.  
W0DEL - WILBUR, SHAWNEE, KS.  
N0XZB - CHRIS, OVERLAND PARK, KS.  
KB0OMP/0 - J.R., BLUE SPRINGS, MO.  
N0FUN - STEVE, SMITHVILLE, MO.  
KB0LRA - GLENN, KANSAS CITY NORTH, MO.  
N0LRF - PAUL, GARDNER, KS.  
N0KCP - GENE, KANSAS CITY, KS.  
WBOYNE - DAVIS, LEAVENWORTH, KS.

NV00 was mobile in Amarillo, TX, met with a couple of the local boys down

there. One of the gentlemen that met Dave was the male parental unit of the famous (or infamous!) Sproul Brothers!

WA0NKE playing with his Celestron 8" Schmidt/Cass telescope this evening and relaying views from the scope out via ATV, mostly moonshots. Has been working with WinAPRS lately.

73 de Jim, KU0G

Chairman/Coordinator

Kansas City APRS Working Group

Email: ku0g@sprynet.com

From rwf@mindspring.com Sun Oct 20 22:33:05 1996

Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA02540; Sun, 20 Oct 1996 22:33:02 -0500 (CDT)

Received: from default (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with SMTP id XAA05320; Sun, 20 Oct 1996 23:33:00 -0400 (EDT)

Message-Id: <2.2.32.19961021033727.006d1b50@mindspring.com>

X-Sender: rwf@mindspring.com

X-Mailer: Windows Eudora Pro Version 2.2 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sun, 20 Oct 1996 23:37:27 -0400

To: aprssig@tapr.org

From: rwf <rwf@mindspring.com>

Subject: APRS Shirts?

A while back, some APRS polo shirts were offered for sale by a SIG member.

Who else has paid and not received theirs?

Please respond VIA EMAIL! Not in the SIG.

Ralph

rwf@mindspring.com

From MBoyce1856@aol.com Sun Oct 20 22:37:53 1996

Received: from emout04.mail.aol.com (emout04.mx.aol.com [198.81.11.95]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA02856 for <aprssig@tapr.org>; Sun, 20 Oct 1996 22:37:52 -0500 (CDT)

From: MBoyce1856@aol.com

Received: by emout04.mail.aol.com (8.6.12/8.6.12) id XAA27732 for aprssig@tapr.org; Sun, 20 Oct 1996 23:37:21 -0400

Date: Sun, 20 Oct 1996 23:37:21 -0400

Message-ID: <961020233719\_1347333643@emout04.mail.aol.com>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5680] W95 naming convention

TRY USING XTREEGOLD (NEWEST VERSION) AND SHUD BE ABLE TO RENAME THE SUB-DIRECTORY THAT WAY.

73,

MIKE

k0coy@amsat.org

From rwf@mindspring.com Sun Oct 20 22:39:22 1996  
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA02876; Sun, 20 Oct 1996 22:39:12 -0500 (CDT)  
Received: from default (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with SMTP id XAA06108; Sun, 20 Oct 1996 23:39:10 -0400 (EDT)  
Message-Id: <2.2.32.19961021034337.006f5738@mindspring.com>  
X-Sender: rwf@mindspring.com  
X-Mailer: Windows Eudora Pro Version 2.2 (32)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sun, 20 Oct 1996 23:43:37 -0400  
To: aprssig@tapr.org  
From: rwf <rwf@mindspring.com>  
Subject: APRS Shirts?

Just after I posted the Shirt message, I heard from the person who was selling them. He states that they are to be shipped real soon now. (picking them up this Thursday)

Ralph  
rwf@mindspring.com

From jclakeland@ucdavis.edu Sun Oct 20 23:35:46 1996  
Received: from franc.ucdavis.edu (root@franc.ucdavis.edu [128.120.8.183]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA04903 for <aprssig@tapr.org>; Sun, 20 Oct 1996 23:35:44 -0500 (CDT)  
Received: from DialupEudora by franc.ucdavis.edu (8.8.2/UCD3.7.2) id VAA15069; Sun, 20 Oct 1996 21:35:41 -0700 (PDT)  
Message-Id: <199610210435.VAA15069@franc.ucdavis.edu>  
X-Sender: szlakela@peseta.ucdavis.edu  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sun, 20 Oct 1996 21:35:39 -0800  
To: aprssig@tapr.org  
From: jclakeland@ucdavis.edu (John Lakeland)  
Subject: serial a to d

Hi all,

Well I still hope that the APRS software authors provide support for at least 1 serial a to d board. Recent mail on the sig about cadmiun sulfide cells and the like demonstrate the variety of uses it would serve. For those currently discussing the subject it was discussed in some depth a while ago here, read back.

John Lakel;and kc6v1r

From kc5ejk@onramp.net Mon Oct 21 03:29:12 1996  
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA17148 for <aprssig@tapr.org>; Mon, 21 Oct 1996

03:29:10 -0500 (CDT)  
Received: from [199.1.11.102] (dal02.onramp.net [199.1.11.102]) by  
mailhost.onramp.net (8.7.3/8.6.5) with SMTP id DAA20090 for <aprssig@tapr.org>;  
Mon, 21 Oct 1996 03:29:05 -0500 (CDT)  
Message-Id: <v02140b02ae90eea3405c@[199.1.11.101]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Mon, 21 Oct 1996 03:30:54 -0600  
To: aprssig@tapr.org  
From: kc5ejk@onramp.net (Robert Winingham)  
Subject: DFjr to Garmin-20 GPS Interface

I have my DFjr and plan to use it with a Garmin-20.

Are there any DFjr users that have attached a Garmin-20 GPS ?  
I also wonder what baud rate you found works best.?

I also am wondering what we should ask the MACaprs and WINaprs  
software to do with the bearing data from the DFjr and the GPS  
course data \$RMC so that we have absolute bearing displayed and  
not just relative bearing,  
OR  
should we just have the selections Bob does in DOSaprs.

There is mentioned of a Fluxgate in the APRS doc file but  
the last time I used a Fluxgate it was a three-axis device  
towed 3 miles+ deep in the ocean. I think I will stick with GPS data.

73

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From N2ZRC@gnn.com Mon Oct 21 06:08:11 1996  
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id GAA20639 for <aprssig@tapr.org>; Mon, 21 Oct 1996  
06:08:09 -0500 (CDT)  
Received: from 49-164.client.gnn.com. (49-164.client.gnn.com [205.188.49.164]) by  
mail-e2b.gnn.com (8.7.1/8.6.9) with SMTP id HAA31424 for <aprssig@tapr.org>; Mon,  
21 Oct 1996 07:07:23 -0400 (EDT)  
Message-Id: <199610211107.HAA31424@mail-e2b.gnn.com>  
X-Mailer: GNNmessenger 1.3  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Mon, 21 Oct 1996 07:06:03  
From: Arte Booten <N2ZRC@gnn.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5703] Re: What is W95gps39.zip ??

On Sun, 20 Oct 1996 Paul Gilmore replied to:



>  
>Alan K. Unangst:  
>>  
>> I saw the file W95gps39.zip ...  
  
>Its the New WINGPS program for the Garmin gps's , try it...

Ah, but will it ONLY work with a Garmin or can any NMEA0183  
equipped GPS unit play?

Arte Booten <N2ZRC@gnn.com>  
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)  
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

From pgilmore@beachnet.org Mon Oct 21 08:44:33 1996  
Received: from beachnet.org (bduncan.tor.hookup.net [165.154.49.27]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id IAA24486 for <aprssig@tapr.org>; Mon, 21 Oct 1996  
08:44:30 -0500 (CDT)  
Received: from va3prg ([204.225.64.52]) by beachnet.org with smtp  
(Smail3.1.29.1 #7) id m0vFKep-0000CNC; Mon, 21 Oct 96 09:44 EDT  
Message-ID: <326B7E30.78A6@beachnet.org>  
Date: Mon, 21 Oct 1996 09:44:16 -0400  
From: Paul Gilmore <pgilmore@beachnet.org>  
X-Mailer: Mozilla 3.01b1Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5718] Re: What is W95gps39.zip ??  
References: <199610211107.HAA31424@mail-e2b.gnn.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Arte Booten wrote:

>  
> On Sun, 20 Oct 1996 Paul Gilmore replied to:  
>  
> >  
> >Alan K. Unangst:  
> >>  
> >> I saw the file W95gps39.zip ...  
>  
> >Its the New WINGPS program for the Garmin gps's , try it...  
>  
> Ah, but will it ONLY work with a Garmin or can any NMEA0183  
> equipped GPS unit play?  
>  
> Arte Booten <N2ZRC@gnn.com>  
> (Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)  
> [Cruise Missile Coordinates: 40 52.69N / 073 54.06W]  
>

> .. Sensors say there is nothing at those coordinates ...

ANY NMEA 0183 WILL WORK>>>

--

Paul Gilmore 416-447-7964(voice) 416-447-8868(fax)

AX25 VA3PRG@VA3BBS.#SCON.ON.CA.NA

EMAIL pgilmore@beachnet.org

From kdelyria@rain.com Mon Oct 21 11:20:48 1996

Received: from psg.com (root@psg.com [147.28.0.62]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA29586 for <aprssig@tapr.org>; Mon, 21 Oct 1996 11:20:46 -0500 (CDT)

Received: from rover (204.119.55.24) by psg.com via smtp  
for <aprssig@tapr.org>

id m0vFN5o-00011QC; Mon, 21 Oct 96 09:20 PDT (Smail3.1.29.1#2)

Message-Id: <m0vFN5o-00011QC@psg.com>

Date: Mon, 21 Oct 96 09:20 PDT

X-Sender: kdelyria@psg.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: <aprssig@tapr.org>

From: Karl DeLyria <kdelyria@rain.com>

Subject: UNSUBSCRIBE

From jerrys@bihs.net Mon Oct 21 11:50:10 1996

Received: from brazos.bihs.net (brazos.bihs.net [204.96.15.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA00587 for <aprssig@tapr.org>; Mon, 21 Oct 1996 11:50:08 -0500 (CDT)

Received: from jerrys.bihs.net (dial2-20.bihs.net [204.96.15.67]) by brazos.bihs.net (8.7.5/8.7.3) with SMTP id LAA17549 for <aprssig@tapr.org>; Mon, 21 Oct 1996 11:36:58 -0500 (CDT)

Message-ID: <326BA6C4.6AE5@bihs.net>

Date: Mon, 21 Oct 1996 11:37:24 -0500

From: Jerry Stuart <jerrys@bihs.net>

Reply-To: mail.bihs.net@brazos.bihs.net

X-Mailer: Mozilla 3.0 (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Lo-Jack

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

AMATEUR RADIO LO-JACK

And finally, most people are familiar with the Lo-Jack system for recovering stolen vehicles. Amateur radio operators have been experimenting with a similar system called APRS which really isn't designed to recover stolen cars, but certainly could be used in that mode.

Now, the San Diego California Responder newsletter reports that recently, as Scotty Leikett, W8KXX, was going to bed, he looked out his window and noticed that his APRS-equipped car was missing. One glance at his computer terminal showed that the vehicle was across town and moving! He notified the San Diego Police Department, but the dispatcher would not believe that an owner had the ability to track his stolen car by radio.

When the policeman arrived, Scotty explained the ARPS system and showed him the car's symbol with the unique amateur call on an APRS city map. The officer relayed the precise location to the police cruisers.

As it happened, the stolen car and a police cruiser were stopped at the same red light with the thieves were still in the car. Surprised at the officers' sudden attention, the culprits made an illegal left turn and the chase was on. Soon after the crooks abandoned the car and escaped, leaving a hand gun behind.

The car was recovered without major damage thanks to ARPS and ham radio.

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#### Credits:

The previous is late news about Amateur Radio for Radio Amateurs as prepared from NEWSLINE RADIO scripts by the staff of the AMATEUR RADIO NEWSLINE, INC., formerly the WESTLINK RADIO NETWORK. Amateur Radio Newsline is a audio news service distributed via telephone.

-----

Jerry Stuart KC5JAY  
E-Mail: jerry@bihs.net  
Home: 7945 FM 1179 Bryan TX 77808-7621  
Or: PO Box 5333 Bryan TX 77805-5333  
Day work 409-778-3474 (9am-5pm)  
Night work 409-776-4334 (6pm-2:30am)  
Fax 409-774-4885

o~  
\_[-/)  
(\_)\\(=)= o o o . . . Live to ride-ride to live.

From ddobbins@juno.com Mon Oct 21 13:33:54 1996  
Received: from r1.boston.juno.com (r1.boston.juno.com [205.231.100.241]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA04109 for <aprssig@tapr.org>; Mon, 21 Oct 1996 13:33:42 -0500 (CDT)  
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26])

by r1.boston.juno.com (8.6.13/8.7.Alpha.4/1.34.kim) with ESMTP id CAA13620  
for <aprssig@tapr.org>; Thu, 17 Oct 1996 02:29:02 -0400  
Received: (from ddobbins@juno.com) by x11.boston.juno.com (queuemail)  
id BAB14452; Thu, 17 Oct 1996 01:43:00 EDT  
To: aprssig@tapr.org, amsdenj@rtinet.com, 72155.1222@compuserve.com,  
wbliss@coastside.net, cougercat@prostar.com, ep@eyephase.com,  
RGervenack@aol.com, aa7ya@juno.com, slhayden@worldnet.att.net,  
fmcjunki@cks.ssd.k12.wa.us, tmproe1@nwlink.com, annr@comtch.iea.com,  
reeves@christenson.com, nl7ms@baker.cnw.com, dougwe@wrq.com,  
foga@foothill.net, kc7lsp@juno.com, kc7epd@juno.com, n7zkl@amsat.org,  
bshimmin@juno.com, w7hgk@BIGJOHN.bmi.net, kc7htk@juno.com,  
phkv94a@prodigy.com, rgibson@cdsnet.net, rrross@cdsnet.net,  
n7fsp@n7fsp.ampr.org, redwards3@juno.com, willy@mcn.net, n7cfa@tdn.com,  
jbrock@tincan.tincan.org, jimvhn@delphi.com, wb4apr@amsat.org,  
kb7jcp@worldnet.att.net  
Date: Thu, 10 Oct 1996 20:02:59 PDT  
Subject: LOST EMAIL  
Message-ID: <19961010.190421.4487.1.ddobbins@juno.com>  
X-Mailer: Juno 1.15  
X-Juno-Line-Breaks: 4-11,13  
From: ddobbins@juno.com (David S Dobbins)

For the second time in two days I've dumped, unintentionally, all 52  
incoming messages. If I don't disconnect the incoming tel line to modem,  
and another call comes in, the laptop locks up and I have to power down  
to reboot, thus losing all incoming JUNO email. If you sent me a message  
in the past two days, please resend it.

Hi to Bill/WB6LPG, you old codger.

|                        |                                                  |
|------------------------|--------------------------------------------------|
| David S. Dobbins/WH6YC | Pacific Northwest APRS Coordinator               |
| POB 553 404 N Third St | Email: ddobbins@juno.com                         |
| Pe Ell, WA 98572-0553  | VHF 147.06 T110.9, or 145.43                     |
| tel: 360-291-3707      | APRS 145.79, 145.75                              |
| pager: 800-514-7489    | "In GOD we trust, all others we track by<br>GPS" |

From azeffert@cardion.com Mon Oct 21 13:56:10 1996  
Received: from cardion.com (smtp.cardion.com [38.250.125.2]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id NAA04786 for <aprssig@tapr.org>; Mon, 21 Oct 1996  
13:56:06 -0500 (CDT)  
Received: by gateway.cardion.com id <14977>; Mon, 21 Oct 1996 15:01:36 -0400  
Date: Mon, 21 Oct 1996 17:53:33 -0400  
From: "Adrian M. Zeffert" <azeffert@cardion.com>  
Organization: Cardion  
X-Mailer: Mozilla 2.01 (Win16; U)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: APRS COMMERCIAL APPLICATIONS  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Message-Id: <96Oct21.150136edt.14977@gateway.cardion.com>

Bob Bruninga WB4APR

Bob:

Need to talk to you about commercial gps/radio based position determining system components and software. Please e-mail contact numbers to: azeffert@cardion.com or telephone 516-921-7300 x283

73 de KA2MIF

Adrian M. Zeffert

From bruninga@nadm.navy.mil Mon Oct 21 15:22:53 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA07899 for <aprssig@tapr.org>; Mon, 21 Oct 1996 15:22:02 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id QAA00048 for <aprssig@tapr.org>; Mon, 21 Oct 1996 16:27:06 -0400 (EDT)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Mon, 21 Oct 1996 16:27:06 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
Reply-To: Bob Bruninga <bruninga@nadm.navy.mil>  
To: aprssig@tapr.org  
Subject: APRS77d replaces 77c!  
Message-ID: <Pine.GS0.3.95.961021162033.28532A-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Files just uploaded to TAPR:

|             |             |
|-------------|-------------|
| APRS77d.zip | about 1 Meg |
| 77to77d.zip | 445k        |
| 76to77d.zip | 750k.       |

77d fixes the major bug found in 77c. Once 77d proves good, then all copies of 77c should be deleted everywhere...

Here's the scoop:

Ver 77d: Big problem in 77c. It defaults to not recognize on the air GGA position reports. You had to do a alt-S-G-M-G to turn on GGA and then it would ignore RMC! This was intended in 77c to allow the user to select which NMEA string \*HIS\* GPS would use, but it also filtered out on-air packets too! Now you can select GGA, or RMC, or BOTH (Default)

- \* This required a new CFIG file. You can add a 0,0 at the end, just before the listing of your DIGI paths (or \*\*\*\*'s if you dont have any), and rename your existing CFIG75b.APR to CFIG77d.APR if you like...
- \* Changed default path to RELAY,WIDE and added default OPS-DIGI paths of NONE, RELAY,WIDE and WIDE,WIDE.
- \* Magnified default altitude scale in 3D by factor of 4 for CAP. Now

32 mile scale will default to 8000 feet.

- \* Moved OPS-UNPROTO command to OPS-DIGI-ENTER command for consistency. But so you can still do it with 2 keys, OPS-ENTER will work...
- \* Fixed a bug in 77c that allowed remote WX BText to cancel out the WX data

Ver 77c: Changed alt-BText command to INPUT-MY-STATUS to more correctly describe the APRS STATUS Beacon. Also eliminates the confusion between TNC BText and APRS Status Beacon.

- \* Re-arranged INPUT-MY commands to accomodate MY-POS and MY-STATUS
- \* Moved MAPS-BORDERS to MAPS-PLOTS-BORDERS
- \* alt-S-DF-MAGvar is now listed in the alt-S-DF menu
- \* DF bearing line length now proportional to sending station map range
- \* Changed CONTROLS-K/M to CONTROLS-METRIC which is now same as WX-METRIC
- \* Course and Speed box now displays KPH if Metric
- \* Removed special GGA display on 23rd line.
- \* Now alt-S-GPS-MODES-GGA forces APRS to use only the GGA (or GLL)
- \* Added alt-S-GPS-MODES-RMC to force APRS to use RMC only (default)
- \* SEND (copy message) now lets you add text to the end of a copied msg.
- \* Msg replies to Queries will use line number {: and will not be acked.
- \* New parser eliminates all packets that dont start with \$,% or A-Z, 0-9
- \* Fixed Z/z case bug in Manual POS corrections that messed up ZULU time
- \* REMOVED MK100k3.EXE from standard distro. Get it from tapr or BBS.
- \* Edited and cleaned up GPS.txt and renamed VOX-APRS.txt to MIC-E.txt

Ver 77b: 77a had a bug that caused incorrect selection of the default response during a prompt. It was fixed and immediately re-released as 77b.

- \* New definitions of first POSIT character: (pending Sproul's agreement)  
/ = TNC only      M = MacAPRS      X = Xaprs  
@ = APRSdos      W = WinAPRS      J = javAPRS
- \* JUST-TYPES command will display station TYPE (above) instead of symbol.
- \* Fixed WX fade-to-gray
- \* Fixed mouse to sleep problem
- \* Fixed ALT-BTEXT being forced to UCASE

From bruninga@nadm.navy.mil Mon Oct 21 15:59:03 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA09438 for <aprssig@tapr.org>; Mon, 21 Oct 1996 15:59:01 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id RAA05095 for <aprssig@tapr.org>; Mon, 21 Oct 1996 17:04:05 -0400 (EDT)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Mon, 21 Oct 1996 17:04:04 -0400 (EDT)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5723] APRS COMMERCIAL APPLICATIONS

In-Reply-To: <96Oct21.150136edt.14977@gateway.cardion.com>

Message-ID: <Pine.GSO.3.95.961021170307.28532D-100000@arctic>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

My daytime phone is 410-293-6417 and evenings is 553-6021 til 2330 Eastern time...

Sounds great!

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From kr4ol@juno.com Mon Oct 21 17:48:10 1996  
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA13500 for <aprssig@tapr.org>; Mon, 21 Oct 1996 17:48:08 -0500 (CDT)  
From: kr4ol@juno.com  
Received: (from kr4ol@juno.com) by x6.boston.juno.com (queuemail) id RAA00328; Mon, 21 Oct 1996 17:10:37 EDT  
To: aprssig@tapr.org  
Date: Mon, 21 Oct 1996 14:43:06 PST  
Subject: Central Georgia Digi  
Message-ID: <19961021.144442.29767.1.KR40L@juno.com>  
X-Mailer: Juno 1.00  
X-Juno-Line-Breaks: 2-9,16-17,43-44,48-51

On Fri, 18 Oct 1996 05:08:09 EDT, Ralph Fowler, N4NEQ Wrote regarding the new Central Georgia Wide/Relay Digi and the trouble with the 75 Ohm CATV hardline;

>Consider leaving the CATV hardline. Your SWR is only gonna be about >1.5:1 with it.  
>If you MUST have 50 ohm, there are simple transformer/connectors you can >make or buy. Msg me if you want the info on how.

Greetings Ralph, and the SIG! Thanks for writing regarding the new Central Georgia Wide/Relay Digi. We are very excited about getting it up & running. This has been an amazing project that has been built with some new ideas that may prove to be beneficial for others that want to put up Wide area digis. I want to speak to Ralph's suggestion that we leave the CATV hardline in place, but first let me give you some background on what we have done.

KR40L-2 is located on a commercial tower North of Macon at the 365' level. This gives us an approximate HAAT of 400'. The antenna and feedline were installed on the tower last February and have been serving a packet node and BBS ( MCN07 and MCNBBS ). At the time, no 50 Ohm hardline was available within our budget ( \$ -0.00 ), so we opted for using the 75 Ohm CATV hardline. I purchased the Z-D Manuf. transformers that claimed to make the 75 Ohm Cable behave and look like 50 Ohm cable to the radio. After it was installed, the SWR at the rig was over 3:1. After much consideration and studying, it was decided the second hand Station Master antenna must be at fault for the high SWR. Another climb

was made & the Station Master changed out for a Diamond F-23a that was proven to be flat at the frequency we desired. After installation, same result. SWR was above 3:1. I finally installed a UHF "tee" between the rig and the CATV transformers to make a tuning stub. With this, I have been able to get the SWR down to 1.1:1, and performance has improved. Since then, we have installed a second port for the node and BBS on the tower at 280'. Some 7/8" 50 Ohm hardline was donated and installed. On this port, we are operating at less than half the power we are using for the higher antenna with MUCH better performance. After consulting some of the local repeater owners, some of which have experimented with CATV hardline, we have determined that the transformers will probably work great with 75 Ohm runs of 100' or less, but the 400' we have in the line is just too much for the transformers. We are presently awaiting delivery of 50 Ohm 7/8' hardline to replace the CATV hardline. We anticipate to see this feedline and antenna begin to outperform its sister antenna located 80' below it.

In another message, I will explain how one transmitter, one feedline, and one antenna is serving not only APRS on 145.790 Mhz., but also MCN07 and MCNBBS on 145.070 Mhz. simultaneously. This is exciting stuff!

73! de Tom, KR40L @ KR40L.#MCN.GA.USA.NA  
or, KR40L@Juno.com

From wa8inz@concentric.net Mon Oct 21 18:33:07 1996  
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA15160 for <aprssig@tapr.org>; Mon, 21 Oct 1996 18:33:04 -0500 (CDT)  
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])  
by tribune.concentric.net (8.7.5/(96/10/10 1.8))  
id TAA23657; Mon, 21 Oct 1996 19:17:38 -0400 (EDT)  
[1-800-745-2747 The Concentric Network]  
Errors-To: <wa8inz@concentric.net>  
Received: from LOCALNAME (61048d00031a.concentric.net [206.173.236.183])  
by cliff.cris.com (8.8.0)  
id TAA00516; Mon, 21 Oct 1996 19:17:04 -0400 (EDT)  
Message-ID: <326C206E.685B@concentric.net>  
Date: Mon, 21 Oct 1996 18:16:30 -0700  
From: William Nolle <wa8inz@concentric.net>  
Organization: None  
X-Mailer: Mozilla 2.01 (Win16; U)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5724] APRS77d replaces 77c!  
References: <Pine.GS0.3.95.961021162033.28532A-100000@arctic>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>  
> Files just uploaded to TAPR:  
> APRS77d.zip about 1 Meg



> 77to77d.zip 445k  
> 76to77d.zip 750k.  
>

I'm sorry Bob but I don't see any of these files on Tapr.  
I checked twice at 5:45 CD and again at 6:15 Cd

--

\\///  
(0 0)  
\*--o0-(\_-)-0o--\*  
wa8inz@amsat.org  
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.  
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From wa8inz@concentric.net Mon Oct 21 18:33:09 1996  
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA15158 for <aprssig@tapr.org>; Mon, 21  
Oct 1996 18:33:04 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])  
by tribune.concentric.net (8.7.5/(96/10/10 1.8))  
id TAA27486; Mon, 21 Oct 1996 19:32:57 -0400 (EDT)  
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>

Received: from LOCALNAME (61048d0003la.concentric.net [206.173.236.183])  
by cliff.cris.com (8.8.0)  
id TAA03301; Mon, 21 Oct 1996 19:22:36 -0400 (EDT)

Message-ID: <326C21BB.6D20@concentric.net>  
Date: Mon, 21 Oct 1996 18:22:03 -0700  
From: William Nolle <wa8inz@concentric.net>  
Organization: None  
X-Mailer: Mozilla 2.01 (Win16; U)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: 77d  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just to make sure i checked again and following are the only files there.

76to77b.zip  
76to77c.zip  
77to77c.zip  
APRS77c.zip

--

\\///  
(0 0)  
\*--o0-(\_-)-0o--\*  
wa8inz@amsat.org

wa8inz@cris.com  
Check out my dedicated A.P.R.S Web Page.  
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From JohnLGaf@gnn.com Mon Oct 21 18:59:45 1996  
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA16280 for <aprssig@tapr.org>; Mon, 21 Oct 1996 18:59:43 -0500 (CDT)  
Received: from 13-174.client.gnn.com. (13-174.client.gnn.com [205.188.13.174]) by mail-e2b.gnn.com (8.7.1/8.6.9) with SMTP id TAA07330 for <aprssig@tapr.org>; Mon, 21 Oct 1996 19:59:08 -0400 (EDT)  
Message-Id: <199610212359.TAA07330@mail-e2b.gnn.com>  
X-Mailer: GNNmessenger 1.3  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Mon, 21 Oct 1996 19:00:22  
From: JohnLGaf@gnn.com (John L. Gafford)  
To: aprssig@tapr.org  
Subject: APRS77d.zip

Where is this file hidden? I am unable to locate it in  
<ftp://ftp.tapr.org>. I would like to download it.

From bruninga@nadn.navy.mil Mon Oct 21 19:34:11 1996  
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA18890 for <aprssig@tapr.org>; Mon, 21 Oct 1996 19:34:09 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id UAA14567; Mon, 21 Oct 1996 20:38:48 -0400 (EDT)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs  
Date: Mon, 21 Oct 1996 20:38:48 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
X-Sender: bruninga@arctic  
To: "Alan K. Unangst" <alanwc7r@primenet.com>  
cc: aprssig@tapr.org  
Subject: where is 77d?  
In-Reply-To: <199610212218.PAA07992@primenet.com>  
Message-ID: <Pine.GS0.3.95.961021203736.14540A-1000000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 21 Oct 1996, Alan K. Unangst wrote:

> Bob, passed the news on to Davis, then went to TAPR to retrieve it for  
> myself and no go. Where did you post it?

APRSDos REPLY/COMMENT: OOPS! I spent the 50 mins to upload it to my

server, but then forgot to FTP it to TAPR! Its there now...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From wa4dsy@wa4dsy.radio.org Mon Oct 21 20:17:33 1996

Received: from wa4mei.radio.org (wa4mei.radio.org [206.28.192.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA20872 for <aprssig@tapr.org>; Mon, 21 Oct 1996 20:17:31 -0500 (CDT)

Received: by wa4mei.radio.org (/\\==/\\ Smail3.1.28.1 #28.8)

id <m0vFVTD-0002FRC@wa4mei.radio.org>; Mon, 21 Oct 96 21:17 EDT

Message-Id: <m0vFVTD-0002FRC@wa4mei.radio.org>

Date: Mon, 21 Oct 96 21:17:24 edt

From: wa4dsy@wa4dsy.radio.org (Dale Heatherington)

Reply-To: wa4dsy@wa4dsy.radio.org (Dale Heatherington)

To: aprssig@tapr.org

X-Mailer: Dale Heatherington's PMMail v1.1

Subject: Re: [APRSSIG:5726] Central Georgia Digi

On Mon, 21 Oct 1996 18:05:04 -0500 (CDT) you wrote:

>At the time, no 50 Ohm

>hardline was available within our budject ( \$ -0.00 ), so we opted for

>using the 75 Ohm CATV hardline. I purchased the Z-D Manuf. transformers

>that claimed to make the 75 Ohm Cable behave and look like 50 Ohm cable

>to the radio. After it was installed, the SWR at the rig was over 3:1.

I've personally used 75 ohm catv hardline with no transformers

in both VHF and UHF 50 ohm systems with no problems. This

was some 15 years ago so I don't remember the exact swr readings

but they were not any where near 3:1 and the performance was

very good.

Your 3:1 SWR and poor performance indicates a short or open at the antenna end of the feed line. Even 3:1 is only 25% power reflected back and most of it is reflected \*again\* at the transmitter ( minus 2x line loss) and goes back to the antenna. Very little performance will be lost.

Perhaps there's a kink or dent in the line or a bad connector.

Anyway, replacing it with known good 50 ohm line will probably fix it. I just wanted to defend the use of good catv hardline.

My \$ .02

-----  
Dale Heatherington, WA4DSY

e-mail - wa4dsy@wa4dsy.radio.org

e-mail - daheath@ibm.net (in case the first one doesn't work)

Web page - <http://www.wa4dsy.radio.org>

This message brought to you by OS/2 Warp v4

From amirault@laraby.tiac.net Mon Oct 21 21:05:46 1996  
Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA23486 for <aprssig@tapr.org>; Mon, 21 Oct 1996 21:05:45 -0500 (CDT)  
Received: (from amirault@localhost) by laraby.tiac.net (8.8.0/8.6.6.Beta9) id WAA12720; Mon, 21 Oct 1996 22:06:30 -0400 (EDT)  
Date: Mon, 21 Oct 1996 22:06:30 -0400 (EDT)  
From: Richard Amirault <amirault@laraby.tiac.net>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5724] APRS77d replaces 77c!  
In-Reply-To: <Pine.GS0.3.95.961021162033.28532A-100000@arctic>  
Message-ID: <Pine.BSF.3.91.961021215942.12480A-100000@laraby.tiac.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bob,

I have a suggestion that I'd like to throw out to all on the list...

RE: WX displays

I like the new optional WX display formats on screen. However, my area is getting more and more stns and I used to run with CALL's turned OFF. I like the optional WX data displays so much that I now run with CALL's turned ON. This clutters up the map greatly (at the scale I like to use) If I use Just Wx I will not see the normal stations.

I would really like it if there was some way to show ALL of the icons, but NO CALL's except for WX stns?

Richard Amirault                      N1JDU                      Boston, Massachusetts USA  
amirault@tiac.net                      "Go Fly A Kite"

From JohnLGaf@gnn.com Tue Oct 22 06:39:10 1996  
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA16228 for <aprssig@tapr.org>; Tue, 22 Oct 1996 06:39:09 -0500 (CDT)  
Received: from 15-30.client.gnn.com. (15-30.client.gnn.com [205.188.15.30]) by mail-e2b.gnn.com (8.7.1/8.6.9) with SMTP id HAA13116 for <aprssig@tapr.org>; Tue, 22 Oct 1996 07:38:36 -0400 (EDT)  
Message-Id: <199610221138.HAA13116@mail-e2b.gnn.com>  
X-Mailer: GNNmessenger 1.3  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Tue, 22 Oct 1996 06:39:25  
From: JohnLGaf@gnn.com (John L. Gafford)  
To: aprssig@tapr.org  
Subject: APRS77d.zip

Bob:

I have tried without success to find APRS77d.zip on the tapr ftp

site. PLEASE!! What is the command line to find this file?

John...

From wd4cq@juno.com Tue Oct 22 07:07:55 1996  
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA17067 for <aprssig@tapr.org>; Tue, 22 Oct 1996 07:07:53 -0500 (CDT)  
Received: (from wd4cq@juno.com) by x11.boston.juno.com (queueemail) id IAA09889; Tue, 22 Oct 1996 08:07:51 EDT  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5726] Central Georgia Digi  
Message-ID: <19961023.180415.4647.0.WD4CQE@juno.com>  
References: <19961021.144442.29767.1.KR40L@juno.com>  
X-Mailer: Juno 1.15  
X-Juno-Line-Breaks: 0  
From: wd4cq@juno.com (Kenneth I Mathews)  
Date: Tue, 22 Oct 1996 08:07:51 EDT

KR40L is being seen up into Crossville, Tn. Great to see more digis..

From nickart@midtenn.net Tue Oct 22 07:49:55 1996  
Received: from sneezy.midtenn.net (root@sneezy.midtenn.net [205.241.239.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA18509 for <aprssig@tapr.org>; Tue, 22 Oct 1996 07:49:54 -0500 (CDT)  
Received: from net084.midtenn.net (net084.midtenn.net [205.241.239.84]) by sneezy.midtenn.net (8.6.12/8.6.12) with SMTP id HAA14618 for <aprssig@tapr.org>; Tue, 22 Oct 1996 07:52:33 GMT  
Date: Tue, 22 Oct 1996 07:52:33 GMT  
Message-Id: <199610220752.HAA14618@sneezy.midtenn.net>  
X-Sender: nickart@mail.midtenn.net  
X-Mailer: Windows Eudora Version 1.4.4  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: nickart@midtenn.net (Nicholas R. Smith)  
Subject: Re: [APRSSIG:5645] The Western NC APRS & Ham Radio Home Page

>Been alot of work going on at The Western North Carolina APRS & Ham Radio  
>Home Page. Added some new info. like repeater freqs for the U.S. and links  
>to Weather sites to get the local forecast, storm or hurricane data. So come  
>by and check it out. Going be adding more APRS stuff ASAP.

>

><http://www.bluenet.net/ke4htm>

>

>Jamie - KE4HTM

>

Hi Jamie:

Could you give me the lat-lon on your digis in NC(western). We have several mountain top digis in eastern TN and would really like to get linked up to NC but I guess the mountains are preventing that. I did see one testing at Mt. Mitchell, but it never came back. Thanks

Nick Smith WA4GKM

Editor - "Amateur Radio Trader"  
Chief Pilot - Consultant - "Trade-A-Plane"

e-mail wa4gkm@amsat.org  
800-774-2623 voice  
800-423-9030 fax

From bruninga@nadm.navy.mil Tue Oct 22 09:07:20 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA21348 for <aprssig@tapr.org>; Tue, 22 Oct 1996 09:07:19 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA20033 for <aprssig@tapr.org>; Tue, 22 Oct 1996 10:12:26 -0400 (EDT)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Tue, 22 Oct 1996 10:12:26 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5732] Re: APRS77d replaces 77c!  
In-Reply-To: <Pine.BSF.3.91.961021215942.12480A-100000@laraby.tiac.net>  
Message-ID: <Pine.GS0.3.95.961022101138.19267B-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 21 Oct 1996, Richard Amirault wrote:

> I would really like it if there was some way to show ALL of the icons,  
> but NO CALL's except for WX stns?

APRSDos REPLY/COMMENT: OK, ill make it so that if you turn OFF calls, that the WX stations will remain IF the special display formats are selected...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From sproul@ap.org Tue Oct 22 09:09:07 1996  
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA21377 for <aprssig@tapr.org>; Tue, 22 Oct 1996 09:09:06 -0500 (CDT)  
Received: from [165.1.27.178] by janus.ap.org (SMI-8.6/SMI-SVR4) id KAA19567; Tue, 22 Oct 1996 10:03:28 -0400  
X-Sender: sproul@165.1.6.1  
Message-Id: <v03007802ae9283c7ed40@[165.1.27.178]>  
In-Reply-To: <Pine.BSF.3.91.961021215942.12480A-100000@laraby.tiac.net>  
References: <Pine.GS0.3.95.961021162033.28532A-100000@arctic>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Tue, 22 Oct 1996 10:00:49 -0400

To: aprssig@tapr.org  
From: Mark Sproul <sproul@ap.org>  
Subject: Re: Weather station display

>RE: WX displays

>

> I like the new optional WX display formats on screen. However, my  
>area is getting more and more stns and I used to run with CALL's turned  
>OFF. I like the optional WX data displays so much that I now run with  
>CALL's turned ON. This clutters up the map greatly (at the scale I like  
>to use) If I use Just Wx I will not see the normal stations.

>

>I would really like it if there was some way to show ALL of the icons,  
>but NO CALL's except for WX stns?

>

There is quite a bit of work being done on Mac/WinAPRS exactly on these  
lines. It is a long way from finished but we are designing in much of this  
type of capability.

Mark

---

|                                                                       |                       |
|-----------------------------------------------------------------------|-----------------------|
| Mark Sproul                                                           | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press                                       |                       |
| sproul@ap.org                                                         | Work: 609-860-7120    |
| North Brunswick, NJ                                                   | Fax: 609-860-7129     |
| <a href="http://msproul.rutgers.edu/">http://msproul.rutgers.edu/</a> |                       |

---

From bruninga@nadm.navy.mil Tue Oct 22 09:47:52 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA22792 for <aprssig@tapr.org>; Tue, 22  
Oct 1996 09:47:47 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil  
(8.7.5/8.7.3) with SMTP id KAA25636 for <aprssig@tapr.org>; Tue, 22 Oct 1996  
10:52:55 -0400 (EDT)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Tue, 22 Oct 1996 10:52:54 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Lo-Jack  
In-Reply-To: <326BA6C4.6AE5@bihs.net>  
Message-ID: <Pine.GS0.3.95.961022104756.19267K-1000000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> AMATEUR RADIO LO-JACK

>  
> Most people are familiar with the Lo-Jack system for recovering  
> stolen vehicles. Amateur radio operators have been experimenting with a  
> similar system called APRS which really isn't designed to recover stolen  
> cars, but certainly could be used in that mode.....  
> ..... The car was recovered without major damage thanks to APRS and  
> ham radio.

APRSdos REPLY/COMMENT: Nice report! I guess I should be happy to see  
that even unregistered users get a benefit from APRS. hi hi :-)

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From wa8inz@concentric.net Tue Oct 22 10:59:40 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA25726 for <aprssig@tapr.org>; Tue, 22  
Oct 1996 10:59:39 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])  
by tribune.concentric.net (8.7.5/(96/10/10 1.8))  
id LAA00981; Tue, 22 Oct 1996 11:59:37 -0400 (EDT)  
[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>

Received: from LOCALNAME (61036d0003la.concentric.net [206.173.242.135])  
by cliff.cris.com (8.8.0)  
id LAA18984; Tue, 22 Oct 1996 11:59:35 -0400 (EDT)

Message-ID: <326D0B83.231A@concentric.net>

Date: Tue, 22 Oct 1996 10:59:31 -0700

From: William Nolle <wa8inz@concentric.net>

Organization: None

X-Mailer: Mozilla 2.01 (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5738] Lo-Jack

References: <Pine.GS0.3.95.961022104756.19267K-100000@arctic>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>  
>  
> APRSdos REPLY/COMMENT: Nice report! I guess I should be happy to see  
> that even unregistered users get a benefit from APRS. hi hi :-)  
>  
> Reply mail addr: wb4apr@amsat.org  
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

O well maybe now he will Bob.

--

\\///  
(0 0)  
\*--o0-( )-0o--\*



wa8inz@amsat.org

wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From cn2859@coastalnet.com Tue Oct 22 11:13:44 1996

Received: from lucky.coastalnet.com ([204.183.40.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA26195 for <aprssig@tapr.org>; Tue, 22 Oct 1996 11:13:42 -0500 (CDT)

Received: from cn2859 (pm-wsh1-36.coastalnet.com [205.245.121.36]) by lucky.coastalnet.com (8.6.12/8.6.12) with SMTP id MAA10356; Tue, 22 Oct 1996 12:12:28 -0400

Message-ID: <326CF2AC.4AFD@coastalnet.com>

Date: Tue, 22 Oct 1996 12:13:32 -0400

From: "David Michael Gaytko \*\*\*@\*\*\* FM15mm" <cn2859@coastalnet.com>

Reply-To: cn2859@coastalnet.com

Organization: WD4KPD \*\*\*@\*\*\* WASHINGTON, NC.

X-Mailer: Mozilla 3.0 (Win95; U)

MIME-Version: 1.0

To: six-list@i1.net

CC: aprssig@tapr.org

Subject: 6m aprs

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

requesting freq/call for aprs digis on 6m.

tk's . . . 73's

david

From wa4mej@juno.com Tue Oct 22 11:20:38 1996

Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTMP id LAA26549 for <aprssig@tapr.org>; Tue, 22 Oct 1996 11:20:37 -0500 (CDT)

Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail) id LAA01719; Tue, 22 Oct 1996 11:56:52 EDT

To: aprssig@tapr.org

Date: Tue, 22 Oct 1996 09:49:34 PST

Subject: Re: APRS77d replaces 77c!

Message-ID: <19961022.112329.4615.0.wa4mej@juno.com>

References: <326C206E.685B@concentric.net>

X-Mailer: Juno 1.00

X-Juno-Line-Breaks: 0-2,4-27

From: wa4mej@juno.com (john w dent)

i got 7.7d and it works just great and i got it from tapr wester day  
john wa4mej

On Mon, 21 Oct 1996 18:56:34 -0500 (CDT) William Nolle

<wa8inz@concentric.net> writes:

>Bob Bruninga wrote:  
>>  
>> Files just uploaded to TAPR:  
>>   APRS77d.zip   about 1 Meg  
>>   77to77d.zip       445k  
>>   76to77d.zip       750k.  
>>  
>  
>  
>I'm sorry Bob but I don't see any of these files on Tapr.  
>I checked twice at 5:45 CD and again at 6:15 Cd  
>--  
>                    \/////   
>                    (0 0)  
>                \*--o0-(\_-)-0o--\*  
>                wa8inz@amsat.org  
>                wa8inz@cris.com  
>   Check out my dedicated A.P.R.S Web Page.  
>   THANKS TO THE 38 MENTOR VOLUNTEERS  
>  
>   <http://www.concentric.net/~wa8inz>  
>  
>

From hedwards@st6000.sct.edu Tue Oct 22 11:55:31 1996  
Received: from st6000.sct.edu ([168.28.176.249]) by tapr.org (8.7.5/8.7.3/1.9)  
with SMTP id LAA27979 for <aprssig@tapr.org>; Tue, 22 Oct 1996 11:55:29 -0500  
(CDT)  
Received: by st6000.sct.edu (AIX 4.1/UCB 5.64/4.03)  
id AA25944; Tue, 22 Oct 1996 12:53:11 -0400  
Date: Tue, 22 Oct 1996 12:53:11 -0400 (EDT)  
From: "Chris H. Edwards, AE4X0" <hedwards@st6000.sct.edu>  
To: aprssig@tapr.org  
Subject: 77d question  
In-Reply-To: <19961022.112329.4615.0.wa4mej@juno.com>  
Message-Id: <Pine.A32.3.91.961022125150.63564B-100000@st6000.sct.edu>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello I downloaded v 77d yesterday, and was trying to set OPS Digi  
paths. I used O - d S and it never saved my path. Anyone else  
having the same problem??

Chris AE4X0  
Marietta, GA

From rgeer@physio-control.com Tue Oct 22 12:15:33 1996  
Received: from redbarn ([192.31.209.65]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP  
id MAA28715 for <aprssig@tapr.org>; Tue, 22 Oct 1996 12:15:31 -0500 (CDT)  
Received: from physio-control.com ([40.169.12.20]) by redbarn (4.1/SMI-4.1)  
id AA25594; Tue, 22 Oct 96 10:23:03 PDT  
Received: from einstein.physio-control by physio-control.com (4.1/SMI-4.1)

id AA15149; Tue, 22 Oct 96 10:14:57 PDT  
Date: Tue, 22 Oct 96 10:14:57 PDT  
Message-Id: <9610221714.AA15149@physio-control.com>  
Received: by einstein.physio-control (4.1/SMI-4.1)  
id AA13641; Tue, 22 Oct 96 10:14:57 PDT  
From: Gumby <rgeer@physio-control.com>  
To: aprssig@tapr.org  
Subject: newbie help  
Reply-To: rgeer@physio-control.com

I have been following the list for awhile now, I finally got a computer and I really want to get started with APRS. I do not have a ham license yet, but I want to see whats going on in my area (22mi.NE of Seattle WA.). can someone reccomend an inexpensive receiver/scanner and maybe do a little bit of elmering?

Thanks for your time  
Gumby rgeer@physio-control.com  
AKA gumby@seanet.com

From clark@tomcat.gsfc.nasa.gov Tue Oct 22 12:26:30 1996  
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA29095 for <aprssig@tapr.org>; Tue, 22 Oct 1996 12:26:28 -0500 (CDT)  
Date: Tue, 22 Oct 96 17:23:02 UTC  
Message-Id: <1579@tomcat.gsfc.nasa.gov>  
From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)  
Reply-To: clark@tomcat.gsfc.nasa.gov  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5731] Re: Central Georgia Digi

Concerning the comment:

>At the time, no 50 Ohm  
>hardline was available within our budject ( \$ -0.00 ), so we opted for  
>using the 75 Ohm CATV hardline. I purchased the Z-D Manuf. transformers  
>that claimed to make the 75 Ohm Cable behave and look like 50 Ohm cable  
>to the radio. After it was installed, the SWR at the rig was over 3:1.

If you use 75 ohm coax in a 50 ohm system WITHOU ANY TRANSFORMERS, the SWR is only 1.5:1 (i.e. 75/50). In the real world, this is an insignificant mismatch. The only downside to saving money by using 75 ohm coax is that suitable connectors are a hassle.

73, Tom

From wa8inz@concentric.net Tue Oct 22 12:27:41 1996  
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA29146 for <aprssig@tapr.org>; Tue, 22 Oct 1996 12:27:40 -0500 (CDT)  
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])  
by tribune.concentric.net (8.7.5/(96/10/10 1.8))

id NAA17721; Tue, 22 Oct 1996 13:27:36 -0400 (EDT)  
[1-800-745-2747 The Concentric Network]  
Errors-To: <wa8inz@concentric.net>  
Received: from LOCALNAME (61055d00191a.concentric.net [206.173.250.127])  
by cliff.cris.com (8.8.0)  
id NAA24483; Tue, 22 Oct 1996 13:27:34 -0400 (EDT)  
Message-ID: <326D2022.64AB@concentric.net>  
Date: Tue, 22 Oct 1996 12:27:30 -0700  
From: William Nolle <wa8inz@concentric.net>  
Organization: None  
X-Mailer: Mozilla 2.01 (Win16; U)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5741] Re: APRS77d replaces 77c!  
References: <19961022.112329.4615.0.wa4mej@juno.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

john w dent wrote:

>  
> i got 7.7d and it works just great and i got it from tapr wester day  
> john wa4mej  
>  
> >I'm sorry Bob but I don't see any of these files on Tapr.  
> >I checked twice at 5:45 CD and again at 6:15 Cd

Yes I got it now, but it wasn't there the two times I logged on. And as Bob posted later he didn't upload it when he thought he did. I maybe getting old, but not that old that when i looked twice and still didn't see it I was sure No matter what anybody says Hi. John i'm sure you got it later in the day.

--

\\\\\\\\  
(0 0)  
\*--o0-( )-0o--\*  
wa8inz@amsat.org  
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.  
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From zoom@willow.sps.mot.com Tue Oct 22 13:28:49 1996  
Received: from spsgate.sps.mot.com ([192.70.231.1]) by tapr.org (8.7.5/8.7.3/1.9)  
with SMTP id NAA02107 for <aprssig@tapr.org>; Tue, 22 Oct 1996 13:28:42 -0500  
(CDT)  
Received: from mogate.sps.mot.com by spsgate.sps.mot.com (4.1/SMI-4.1/Email 2.1  
10/25/93)  
id AA10200 for aprssig@tapr.org; Tue, 22 Oct 96 11:26:34 MST  
Received: from azbc.sps.mot.com by mogate.sps.mot.com (4.1/SMI-4.1/Email-2.0)  
id AA06154 for aprssig@tapr.org; Tue, 22 Oct 96 11:26:33 MST  
Received: from willow.sps.mot.com by azbc.sps.mot.com with SMTP  
(1.37.109.4/16.2) id AA11280; Tue, 22 Oct 96 13:26:33 -0500  
Received: by willow.sps.mot.com (4.1/SMI-4.1)

id AA18142; Tue, 22 Oct 96 11:22:42 MST  
Date: Tue, 22 Oct 1996 11:22:41 -0700 (MST)  
From: Chris Terwilliger <zoom@willow.sps.mot.com>  
To: aprs sig <aprssig@tapr.org>  
Subject: new AZ wide  
Message-Id: <Pine.SUN.3.91.961010105612.15237A-100000@willow>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The Motorola Amateur Radio Club of Arizona is proud to announce the operational status of a new APRS WIDE-RELAY digipeater in the Phoenix Metro Area. The frequency is 145.79Mhz and is located in Tempe. This site will serve the entire east valley and most of Phoenix. Actually, W8FWF in Sun City West is solid copy into it, so coverage may be greater than anticipated.

CALL = KC7KJK  
ALIAS = WIDE  
NODE = RELAY  
BT = !3321.33N/11154.33W#PHG9210/WIDE-RELAY

Enjoy,

Chris Terwilliger, AA7WD

From jagrelo@cris.com Tue Oct 22 13:34:47 1996  
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA02456 for <aprssig@tapr.org>; Tue, 22 Oct 1996 13:34:45 -0500 (CDT)  
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45]) by tribune.concentric.net (8.7.5/(96/10/10 1.8)) id OAA00528; Tue, 22 Oct 1996 14:34:44 -0400 (EDT) [1-800-745-2747 The Concentric Network]  
Errors-To: <jagrelo@cris.com>  
Received: from crc3.pop3.net (cnc059055.concentric.net [206.83.77.55]) by cliff.cris.com (8.8.0) id OAA21786; Tue, 22 Oct 1996 14:34:41 -0400 (EDT)  
Message-ID: <326D3F19.208E@cris.com>  
Date: Tue, 22 Oct 1996 14:39:38 -0700  
From: Joe Agrelo <jagrelo@cris.com>  
Reply-To: jagrelo@cris.com  
Organization: Agrelo Engineering  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: DFjr to Garmin-20 GPS Interface  
References: <v02140b02ae90eea3405c@[199.1.11.101]>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Robert,

Can you call me or give me your number so I can call you

to discuss the problem your having further. We have spent two days on trying to simulate your problem, nothing. I still have a feeling that it's your data cable or MPA, is there a way you can check these, try disconnecting the antenna unit to make sure nothing is shorted in one of the logic lines there, and running your test with the GPS to DFjr and then to the PC, everything the same less the antenna plugged in.

Thanks!

73 De Joe N200C (new address & phone effective 8/15)  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Agrelo Engineering  
Joe Agrelo/President  
P.O.Box 231 Pattersonville, NY 12137 USA  
ph (518)864-7551 effective 8/15  
fax (518)864-7553 " "  
mailto:Jagrelo@cris.com

WEB: <http://home.navisoft.com/agrelo/ae.htm>  
Designer & Manufacturer of intelligent microprocessor  
based Doppler, talking products and RF.  
Experts in Microchip & Motorola processors  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From gco@norfolk.infi.net Tue Oct 22 13:55:41 1996  
Received: from mh004.infi.net ([198.22.1.119]) by tapr.org (8.7.5/8.7.3/1.9) with  
ESMTP id NAA03420 for <aprssig@tapr.org>; Tue, 22 Oct 1996 13:55:39 -0500 (CDT)  
Received: from ad4nj by mh004.infi.net with SMTP  
(Infinet-S-3.3) id OAA13987; Tue, 22 Oct 1996 14:54:29 -0400 (EDT)  
Message-ID: <326D1836.25B6@norfolk.infi.net>  
Date: Tue, 22 Oct 1996 14:53:42 -0400  
From: gco <gco@norfolk.infi.net>  
Organization: overman, cawardin & martin plc  
X-Mailer: Mozilla 2.0 (Win95; U)  
MIME-Version: 1.0  
To: cn2859@coastalnet.com  
CC: six-list@i1.net, aprssig@tapr.org  
Subject: Re: 6m aprs  
References: <326CF2AC.4AFD@coastalnet.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

David Michael Gaytko \*\*\*@\*\*\* FM15mm wrote:

>  
> requesting freq/call for aprs digis on 6m.  
>  
> tks . ... 73's  
>  
> davidis there aprs traffic on 6m, i dont even knopw of any 6m packet in  
eastren virginia. i am located in fm17td. 7 3 curt ad4nj

From wb8tif@cris.com Tue Oct 22 14:23:47 1996  
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA04664 for <aprssig@tapr.org>; Tue, 22 Oct 1996 14:23:45 -0500 (CDT)  
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])  
by tribune.concentric.net (8.7.5/(96/10/10 1.8))  
id PAA08121; Tue, 22 Oct 1996 15:15:14 -0400 (EDT)  
[1-800-745-2747 The Concentric Network]  
Errors-To: <wb8tif@cris.com>  
Received: from wb8tif.concentric.net (cnc80524.concentric.net [206.173.118.24])  
by cliff.cris.com (8.8.0)  
id PAA08102; Tue, 22 Oct 1996 15:14:39 -0400 (EDT)  
Message-ID: <326D1D4C.30A5@cris.com>  
Date: Tue, 22 Oct 1996 15:15:25 -0400  
From: Rick Szpyrka <wb8tif@cris.com>  
Organization: Amateur Radio  
X-Mailer: Mozilla 3.0 (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Web page moved to new ISP  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello ALL,  
Just to inform you that the WB8TIF Web Page which contains APRS, Space Shuttle and Satellite Info has moved to a new ISP. The URL is <http://www.concentric.net/~wb8tif> please bookmark and/or update your links. Also my new email address is [wb8tif@cris.com](mailto:wb8tif@cris.com)  
Thanks and 73 Rick WB8TIF

--

Rick Szpyrka WB8TIF  
Bloomfield Hills, MI USA  
Email: [wb8tif@cris.com](mailto:wb8tif@cris.com) or [wb8tif@amsat.org](mailto:wb8tif@amsat.org)  
URL: <http://www.concentric.net/~wb8tif>

From [bruninga@nadn.navy.mil](mailto:bruninga@nadn.navy.mil) Tue Oct 22 14:25:42 1996  
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA04776 for <aprssig@tapr.org>; Tue, 22 Oct 1996 14:25:40 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id PAA23211 for <aprssig@tapr.org>; Tue, 22 Oct 1996 15:30:47 -0400 (EDT)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs  
Date: Tue, 22 Oct 1996 15:30:46 -0400 (EDT)  
From: Bob Bruninga <[bruninga@nadn.navy.mil](mailto:bruninga@nadn.navy.mil)>  
X-Sender: bruninga@arctic  
To: [aprssig@tapr.org](mailto:aprssig@tapr.org)  
Subject: Re: [APRSSIG:5742] 77d question  
In-Reply-To: <[Pine.A32.3.91.961022125150.63564B-1000000@st6000.sct.edu](mailto:Pine.A32.3.91.961022125150.63564B-1000000@st6000.sct.edu)>  
Message-ID: <[Pine.GS0.3.95.961022152922.21807D-1000000@arctic](mailto:Pine.GS0.3.95.961022152922.21807D-1000000@arctic)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 22 Oct 1996, Chris H. Edwards, AE4X0 wrote:

> Hello I downloaded v 77d yesterday, and was trying to set OPS Digi  
> paths. I used O - d S and it never saved my path. Anyone else  
> having the same problem??

APRSdos REPLY/COMMENT: I hope this isnt a bug!.. Anyway, everyone will  
notice the MAJOR change in that now you must do an OPS-DIGI-ENTER  
instead of the old OPS-UNPROTO. Ill check the SAVE when I log off here...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From jagrelo@cris.com Tue Oct 22 14:46:49 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA05826 for <aprssig@tapr.org>; Tue, 22  
Oct 1996 14:46:48 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])  
by tribune.concentric.net (8.7.5/(96/10/10 1.8))  
id PAA13184; Tue, 22 Oct 1996 15:46:46 -0400 (EDT)  
[1-800-745-2747 The Concentric Network]

Errors-To: <jagrelo@cris.com>

Received: from crc3.pop3.net (cnc059055.concentric.net [206.83.77.55])  
by cliff.cris.com (8.8.0)  
id PAA22185; Tue, 22 Oct 1996 15:46:44 -0400 (EDT)

Message-ID: <326D4FFD.1FFE@cris.com>

Date: Tue, 22 Oct 1996 15:51:41 -0700

From: Joe Agrelo <jagrelo@cris.com>

Reply-To: jagrelo@cris.com

Organization: Agrelo Engineering

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5747] DFjr to Garmin-20 GPS Interface, oops!

References: <326D3F19.208E@cris.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Joe Agrelo wrote:

>  
> Robert,  
>  
> Can you call me or give me your number so I can call you  
> to discuss the problem your having further. We have spent  
> two days on trying to simulate your problem, nothing. I still  
> have a feeling that it's your data cable or MPA, is their a way  
> you can check these, try diconnecting the antenna unit to make  
> sure nothing is shorted in one of the logic lines there, and  
> running your test with the GPS to DFjr and then to the PC,  
> everything the same less the antenna plugged in.  
>  
> Thanks!  
>  
> 73 De Joe N200C (new address & phone effective 8/15)



Oops! I meant to send this to Bob Winingham directly, sorry!

73 De Joe N200C (new address & phone effective 8/15)  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Agrelo Engineering  
Joe Agrelo/President  
P.O.Box 231 Pattersonville, NY 12137 USA  
ph (518)864-7551 effective 8/15  
fax (518)864-7553 " "  
mailto:Jagrelo@cris.com  
WEB: <http://home.navisoft.com/agrelo/ae.htm>  
Designer & Manufacturer of intelligent microprocessor  
based Doppler, talking products and RF.  
Experts in Microchip & Motorola processors  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From bruninga@nadm.navy.mil Tue Oct 22 14:48:09 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA05953 for <aprssig@tapr.org>; Tue, 22  
Oct 1996 14:48:07 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil  
(8.7.5/8.7.3) with SMTP id PAA27456 for <aprssig@tapr.org>; Tue, 22 Oct 1996  
15:53:15 -0400 (EDT)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Tue, 22 Oct 1996 15:53:15 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: OPS-DIGI in 77D  
Message-ID: <Pine.GS0.3.95.961022154816.26716A-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The report was correct that you cannot USE the 12th entry in your OPS-DIGI  
list in 77d. WORKAROUND is to put a dummy path there by just making your  
first entry be XX, then all will work normally.

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From sparkfel@primenet.com Tue Oct 22 15:15:52 1996  
Received: from primenet.com (root@[206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9)  
with ESMTP id PAA07238 for <aprssig@tapr.org>; Tue, 22 Oct 1996 15:15:42 -0500  
(CDT)  
Received: from ip-20-239.phx.primenet.com (ip-20-239.phx.primenet.com  
[206.165.20.239]) by primenet.com (8.8.0/8.8.0) with SMTP id NAA02737; Tue, 22 Oct  
1996 13:15:35 -0700 (MST)  
Date: Tue, 22 Oct 1996 13:15:35 -0700 (MST)  
Message-Id: <1.5.4.16.19961022131536.1e8fd050@mailhost.primenet.com>  
X-Sender: sparkfel@mailhost.primenet.com  
X-Mailer: Windows Eudora Light Version 1.5.4 (16)  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org, aprssig@tapr.org  
From: "Mark D. Fellhauer" <sparkfel@primenet.com>  
Subject: Re: [APRSSIG:5743] newbie help

At 12:19 PM 10/22/96 -0500, Gumby wrote:

>I have been following the list for awhile now, I finally got a  
>computer and I really want to get started with APRS. I do not have a  
>ham license yet, but I want to see whats going on in my area (22mi.NE of  
>Seattle WA.). can someone reccomend an inexpensive receiver/scanner  
>and maybe do a little bit of elmering?  
>

Buy a Kantronics KPC-3. Don't buy any other TNC as a beginner. If you like APRS/Packet you can always buy another TNC later if you want more features. And I bet you will still use the KPC-3 even after purchasing another TNC. I have FIVE TNC's (including a 9600 bps Paccomm Spirit-2) and use the KPC-3 most consistantly.

Any scanner, even a 25 dollar used one, should work well for monitoring APRS. Or, any 2-meter HT, used or new is also appropriate. Standard has a new 2 meter HT with alphanumeric display for under \$200. ADI also makes an inexpensive 2-meter HT. I have found older non-pl, non-DTMF, 2-meter transceivers for under \$50. Some are crystal controlled, and those may be difficult to put on 145.79 MHz. I recommend buying a new HT. I looked for two years at hamfests for someone asking a "reasonable" price for a used HT and never NEVER found one. I still can't understand why MOST hams think that their 10 year old non-PL, Non-DTMF, with a dead battery, HT is worth \$175!

That's my 2 cents

From bruninga@nadn.navy.mil Tue Oct 22 17:56:34 1996  
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA13870 for <aprssig@tapr.org>; Tue, 22 Oct 1996 17:56:32 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id TAA26807 for <aprssig@tapr.org>; Tue, 22 Oct 1996 19:01:39 -0400 (EDT)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs  
Date: Tue, 22 Oct 1996 19:01:39 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: APRS 7.7d  
In-Reply-To: <01BBC024.99C1EF40@89.atlanta-038.ga.dial-access.att.net>  
Message-ID: <Pine.GS0.3.95.961022190034.26631C-100000@arctic>  
MIME-Version: 1.0  
Content-Type: MULTIPART/MIXED; BOUNDARY="----=\_NextPart\_000\_01BBC024.99C99060"  
Content-ID: <Pine.GS0.3.95.961022190034.26631D@arctic>

This message is in MIME format. The first part should be readable text, while the remaining parts are likely unreadable without MIME-aware tools. Send mail to mime@docserver.cac.washington.edu for more info.

-----=\_NextPart\_000\_01BBC024.99C99060  
Content-Type: TEXT/PLAIN; CHARSET=us-ascii  
Content-ID: <Pine.GSO.3.95.961022190034.26631E@arctic>

On Tue, 22 Oct 1996, Thomas Burkhart wrote:

> I jumped the gun. The problem is that APRS77d does not save the unproto  
> when you leave the program. At least that is what is happening to me.

APRSDos REPLY/COMMENT: It never did, unless you do an alt-s-save

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

-----=\_NextPart\_000\_01BBC024.99C99060--

From james-m@ix.netcom.com Tue Oct 22 18:48:06 1996  
Received: from dfw-ix12.ix.netcom.com ([206.214.98.12]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id SAA15555 for <aprssig@tapr.org>; Tue, 22 Oct 1996  
18:48:04 -0500 (CDT)  
Received: from acerp (sav-ga6-57.ix.netcom.com [206.217.118.121]) by dfw-  
ix12.ix.netcom.com (8.6.13/8.6.12) with SMTP id QAA21336 for <aprssig@tapr.org>;  
Tue, 22 Oct 1996 16:47:46 -0700  
Message-ID: <326D5D27.5D0B@ix.netcom.com>  
Date: Tue, 22 Oct 1996 19:47:51 -0400  
From: Don Murray AE4BR <james-m@ix.netcom.com>  
Organization: Amateur Radio Club of Savannah "Rogue" VE Team  
X-Mailer: Mozilla 3.01b1Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5736] Re: APRS77d replaces 77c!  
References: <Pine.GSO.3.95.961022101138.19267B-100000@arctic>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>  
> On Mon, 21 Oct 1996, Richard Amirault wrote:  
>  
> > I would really like it if there was some way to show ALL of the icons,  
> > but NO CALL's except for WX stns?  
>  
> APRSDos REPLY/COMMENT: OK, ill make it so that if you turn OFF calls,  
> that the WX stations will remain IF the special display formats are  
> selected...  
>  
> Reply mail addr: wb4apr@amsat.org  
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

Bob, while you are taking request...grin...

Would it be very difficult to incorporate someway that we can reset the

rainfall amounts displayed by APRS. I have had the power go out at my place a couple of times and each time that aprs has come back up, it has not displayed the correct rainfall amounts for the last 24hr period, and in some cases the last hour.. Evidently APRS keeps track of this info instead of allowing the Wx stat to do it.. I am using a Ultimeter 2000, and it keeps track of this info..

Thanks for even considering this..

Don

From ronald@cyberstreet.com Tue Oct 22 19:04:51 1996  
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA16177 for <aprssig@tapr.org>; Tue, 22 Oct 1996 19:04:48 -0500 (CDT)  
Received: from ronald.cyberstreet.com ([207.30.55.26])  
by mail.cyberstreet.com (post.office MTA v1.9.3b ID# 114-12414)  
with SMTP id AAA170 for <aprssig@tapr.org>;  
Tue, 22 Oct 1996 20:04:44 -0400  
Message-Id: <2.2.32.19961023000513.0068b47c@mail.cyberstreet.com>  
X-Sender: ronald@mail.cyberstreet.com  
X-Mailer: Windows Eudora Pro Version 2.2 (32)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Tue, 22 Oct 1996 20:05:13 -0400  
To: aprssig@tapr.org  
From: Ronald Oblinger <ronald@cyberstreet.com>  
Subject: Re: [APRSSIG:5745] Re: APRS77d replaces 77c!

At 12:34 PM 10/22/96 -0500, you wrote:

>john w dent wrote:

>>

>> i got 7.7d and it works just great and i got it from tapr wester day

>> john wa4mej

>>

>> >I'm sorry Bob but I don't see any of these files on Tapr.

>> >I checked twice at 5:45 CD and again at 6:15 Cd

>

>Yes I got it now, but it wasn't there the two times I logged on. And as Bob  
>posted later he didn't upload it when he thought he did. I maybe getting old,  
>but not that old that when i looked twice and still didn't see it I was sure  
>No matter what anybody says Hi. John i'm sure you got it later in the day.

>--

>

\\///

>

(0 0)

>

\*--o0-( )-o0--\*

>

wa8inz@amsat.org

>

wa8inz@cris.com

>

Check out my dedicated A.P.R.S Web Page.

>

THANKS TO THE 38 MENTOR VOLUNTEERS

>

>

<http://www.concentric.net/~wa8inz>

>

>You are necessarily paranoid just because you think everyone is out to get you.  
Maybe they are.  
73 cu Ron"KD4AMS"

From paul@tech.cyclades.com Tue Oct 22 19:26:05 1996  
Received: from tech.cyclades.com (root@[208.138.19.34]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id TAA17052 for <aprssig@tapr.org>; Tue, 22 Oct 1996  
19:26:00 -0500 (CDT)  
Received: from localhost by tech.cyclades.com  
with smtp id m0vFr8o-0006MsC  
(Debian /\oo/\ Smail3.1.29.1 #29.37); Tue, 22 Oct 96 17:25 PDT  
Date: Tue, 22 Oct 1996 17:25:50 -0700 (PDT)  
From: Paul Christenson <paul@tech.cyclades.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5753] Re: newbie help  
In-Reply-To: <1.5.4.16.19961022131536.1e8fd050@mailhost.primenet.com>  
Message-ID: <Pine.LNX.3.95.961022171317.17576F-100000@tech.cyclades.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 22 Oct 1996, Mark D. Fellhauer wrote:

> Buy a Kantronics KPC-3. Don't buy any other TNC as a beginner.

Why such a glowing endorsement for the KPC3? Given their non-expandable nature, I'd hesitate to recommend it to anyone, as there are several other TNCs at the same price that CAN be expanded. I'd also think twice about buying ANY TNC that used a nonstandard default command set, regardless of the reason.

Of course, to paraphrase P.T. Barnum, you can always find a buyer for it after you've outgrown it.

I've been running an MFJ-1270 (no suffix) for many years now. I can still drop the latest ROMs in it, and have the same features as the ones still in the box.

```
+-----+
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| High Performance Multiport Serial Cards & Routers |
| Unsolicited mail ads subject to a $25 handling fee |
+-----+
```

From jleonard@tbcnet.com Tue Oct 22 20:29:10 1996  
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id UAA19730 for <aprssig@tapr.org>; Tue, 22 Oct 1996  
20:29:09 -0500 (CDT)  
Received: from PR161.tbcnet.com (PR161.tbcnet.com [207.112.227.61]) by  
tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id UAA26007 for <aprssig@tapr.org>; Tue,  
22 Oct 1996 20:29:11 -0500  
X-Authentication-Warning: tbc1.tbcnet.com: Host PR161.tbcnet.com [207.112.227.61]  
didn't use HELO protocol

Message-Id: <1.5.4.32.19961023012818.006beb58@tbcnet.com>  
X-Sender: jleonard@tbcnet.com  
X-Mailer: Windows Eudora Light Version 1.5.4 (32)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Tue, 22 Oct 1996 20:28:18 -0500  
To: aprssig@tapr.org  
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>  
Subject: Re: [APRSSIG:5753] Re: newbie help

At 15:18 10/22/96 -0500, you wrote:  
(snip)

>

>Buy a Kantronics KPC-3. Don't buy any other TNC as a beginner. If you like  
>APRS/Packet you can always buy another TNC later if you want more features.  
>And I bet you will still use the KPC-3 even after purchasing another TNC. I  
>have FIVE TNC's (including a 9600 bps Paccomm Spirit-2) and use the KPC-3  
>most consistantly.

And, my I suggest, the FIRST thing after you get it will be to change the  
command called INtface from the out-of-the-box setting of NEWUSER to  
TERMINAL. Otherwise it won't work with APRS.

jbl

-----  
J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com  
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>  
American Red Cross Disaster Services - DeKalb Co Chapter

From dseaburg@web-access.net Tue Oct 22 20:41:33 1996  
Received: from austin.aus.sig.net (root@austin.aus.sig.net [199.1.78.2]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA20259 for <aprssig@tapr.org>; Tue, 22  
Oct 1996 20:41:28 -0500 (CDT)  
Received: from seab486dx4100 (ppp145.web-access.net [205.241.59.145]) by  
austin.aus.sig.net (8.7.6/8.7.3) with SMTP id UAA08797 for <aprssig@tapr.org>;  
Tue, 22 Oct 1996 20:40:49 -0500 (CDT)  
Message-ID: <326D77CE.657E@web-access.net>  
Date: Tue, 22 Oct 1996 20:41:34 -0500  
From: Dale Seaburg <dseaburg@web-access.net>  
Reply-To: dseaburg@web-access.net  
X-Mailer: Mozilla 3.0Gold (WinNT; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5731] Re: Central Georgia Digi  
References: <m0vFVTD-0002FRC@wa4mei.radio.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Dale Heatherington wrote:

>

> On Mon, 21 Oct 1996 18:05:04 -0500 (CDT) you wrote:

>  
> >At the time, no 50 Ohm  
> >hardline was available within our budject ( \$ -0.00 ), so we opted for  
> >using the 75 Ohm CATV hardline. I purchased the Z-D Manuf. transformers  
> >that claimed to make the 75 Ohm Cable behave and look like 50 Ohm cable  
> >to the radio. After it was installed, the SWR at the rig was over 3:1.  
>  
> I've personally used 75 ohm catv hardline with no transformers  
> in both VHF and UHF 50 ohm systems with no problems. This  
> was some 15 years ago so I don't remember the exact swr readings  
> but they were not any where near 3:1 and the performance was  
> very good.  
>  
> Your 3:1 SWR and poor performance indicates a short or open at the antenna  
> end of the feed line. Even 3:1 is only 25% power reflected back and most of  
> it is reflected \*again\* at the transmitter ( minus 2x line loss) and goes  
> back to the antenna. Very little performance will be lost.  
> Perhaps there's a kink or dent in the line or a bad connector.  
>  
> Anyway, replacing it with known good 50 ohm line will probably fix  
> it. I just wanted to defend the use of good catv hardline.  
>  
> My \$ .02  
>  
> -----  
> Dale Heatherington, WA4DSY  
> e-mail - wa4dsy@wa4dsy.radio.org  
> e-mail - daheath@ibm.net (in case the first one doesn't work)  
> Web page - <http://www.wa4dsy.radio.org>  
> This message brought to you by OS/2 Warp v4

-----  
I personally use 345' of 3/4" CATV jacketed and flooded aluminum  
hardline with ZD matching transformers on 2m for my packet BBS. It's  
SWR is less than 1.5:1. The added advantage to the 1/4 wave matching  
transformers on 2m, is that they become 3/4 wave matching transformers  
(with broader bandwidth) at 70cm! Don't have to buy the 70cm matching  
transformers... And the hardline was dirt-cheap! Thought I'd clear the  
air on 75ohm hardline and ZD's matching transformers as to whether they  
really work or not. They Work! Regardless of length of the coax.

I agree with Dale, the line may have had a kink or RF upset somewhere.  
Or, perhaps the transformers may have been bad. Made by a human, so it  
is possible, I suppose. My luck with them has been positive.

Dale. KG5LT  
dseaburg@web-access.net

From scottm@telis.org Tue Oct 22 22:07:14 1996  
Received: from homeroom.telis.org (homeroom.telis.org [204.71.75.151]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id WAA24561 for <aprssig@tapr.org>; Tue, 22 Oct 1996  
22:07:12 -0500 (CDT)

Received: from 206.101.170.45 (s16-pm01-truky-t.telis.org [206.101.170.45]) by homeroom.telis.org (8.7.5/8.7.3) with SMTP id UAA15969 for <aprssig@tapr.org>; Tue, 22 Oct 1996 20:03:31 -0700 (PDT)  
Message-ID: <326D8B84.2DFC@telis.org>  
Date: Tue, 22 Oct 1996 20:05:41 -0700  
From: scott miller <scottm@telis.org>  
X-Mailer: Mozilla 3.0Gold (Macintosh; U; 68K)  
MIME-Version: 1.0  
To: aprssig <aprssig@tapr.org>  
Subject: 7.7D Bug  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have not been able to save a digi path with 7.7D.  
has anyone else had this kind of problem?  
I throu out my cfig75b or whatever befor I opened the latested version 7.7D.  
73 and thanks Scott KE6RKE in Tahoe City,Ca.

From scottm@telis.org Tue Oct 22 22:13:16 1996  
Received: from homeroom.telis.org (homeroom.telis.org [204.71.75.151]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA24724 for <aprssig@tapr.org>; Tue, 22 Oct 1996 22:13:14 -0500 (CDT)  
Received: from 206.101.170.45 (s16-pm01-truky-t.telis.org [206.101.170.45]) by homeroom.telis.org (8.7.5/8.7.3) with SMTP id UAA16133 for <aprssig@tapr.org>; Tue, 22 Oct 1996 20:07:48 -0700 (PDT)  
Message-ID: <326D8C86.653B@telis.org>  
Date: Tue, 22 Oct 1996 20:09:59 -0700  
From: scott miller <scottm@telis.org>  
X-Mailer: Mozilla 3.0Gold (Macintosh; U; 68K)  
MIME-Version: 1.0  
To: aprssig <aprssig@tapr.org>  
Subject: 7.7D Bug  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

oh yea I forgot to say,it will show saved digi path on list  
but when I change to that newly saved digipath  
it says no digipath saved under that name use Opps Digi Save to save  
ect. Scott KE6rke

From wa8inz@concentric.net Tue Oct 22 23:18:52 1996  
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA27378 for <aprssig@tapr.org>; Tue, 22 Oct 1996 23:18:50 -0500 (CDT)  
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])  
by tribune.concentric.net (8.7.5/(%D% %I%))  
id AAA23254; Wed, 23 Oct 1996 00:17:40 -0400 (EDT)  
[1-800-745-2747 The Concentric Network]  
Errors-To: <wa8inz@concentric.net>  
Received: from LOCALNAME (61064d0001la.concentric.net [206.173.193.85])  
by cliff.cris.com (8.8.0)  
id VAA06442; Tue, 22 Oct 1996 21:21:18 -0400 (EDT)



Message-ID: <326D8F2A.4C29@concentric.net>  
Date: Tue, 22 Oct 1996 20:21:14 -0700  
From: William Nolle <wa8inz@concentric.net>  
Organization: None  
X-Mailer: Mozilla 2.01 (Win16; U)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5756] Re: APRS77d replaces 77c!  
References: <2.2.32.19961023000513.0068b47c@mail.cyberstreet.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ronald Oblinger wrote:

>  
> At 12:34 PM 10/22/96 -0500, you wrote:  
> >  
> >You are necessarily paranoid just because you think everyone is out to get you.  
> Maybe they are.  
> 73 cu Ron"KD4AMS"

Maybe so Ron. You must be right (Of course you are).

--

\\///  
(0 0)  
\*--o0-( )-0o--\*  
wa8inz@amsat.org  
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.  
THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From sparkfel@primenet.com Wed Oct 23 00:58:12 1996  
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA07205 for <aprssig@tapr.org>; Wed, 23  
Oct 1996 00:58:09 -0500 (CDT)  
Received: from ip-21-179.phx.primenet.com (ip-21-179.phx.primenet.com  
[206.165.21.179]) by primenet.com (8.8.2/8.8.2) with SMTP id WAA26689; Tue, 22 Oct  
1996 22:58:01 -0700 (MST)  
Date: Tue, 22 Oct 1996 22:58:01 -0700 (MST)  
Message-Id: <1.5.4.16.19961022225805.2da79278@mailhost.primenet.com>  
X-Sender: sparkfel@mailhost.primenet.com  
X-Mailer: Windows Eudora Light Version 1.5.4 (16)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org, aprssig@tapr.org  
From: Mark Fellhauer <sparkfel@primenet.com>  
Subject: Re: [APRSSIG:5757] Re: newbie help

At 07:27 PM 10/22/96 -0500, Paul Christenson wrote:

>On Tue, 22 Oct 1996, Mark D. Fellhauer wrote:  
>

>> Buy a Kantronics KPC-3. Don't buy any other TNC as a beginner.

>

>Why such a glowing endorsement for the KPC3? Given their non-expandable  
>nature, I'd hesitate to recommend it to anyone, as there are several other  
>TNCs at the same price that CAN be expanded. I'd also think twice about  
>buying ANY TNC that used a nonstandard default command set, regardless of  
>the reason.

You give exactly the reason why I recommend the KPC-3 to the beginner. It's a straight-forward, no frills, TNC. As the packet coordinator for an amateur radio club, I field a lot of phone calls from people who've just bought their first TNC, usually one of those \$500 jobs, and they can't get it to work.

The KPC-3 is small, can be run on a wide variety of voltages, and draws little power. Dirty power supplies don't phase it. I have two other TNC's, one an AEA, and the other a PacComm, that crap out unless they're hooked to a very clean, stable power supply. This makes them USELESS for mobile work. The AEA will lock in transmit if the voltage drops too much!

The KPC-3 is great for portable packet. It interfaces with GPS units easily. It has on-line help functions. Yes, it has a non-standard command set, but so what? That's what manuals are for. You can add stuff: more memory, a real-time clock, and upgrading the ROM is a snap.

The KPC-3 is inexpensive. How many times have I seen hams and non-hams buy a \$500 toy, only to lose interest in it 3 months later? In this case, the KPC-3 will leave your wallet a lot thicker when leaving the Ham radio store.

>

>Of course, to paraphrase P.T. Barnum, you can always find a buyer for it  
>after you've outgrown it.

Who can live with just one TNC? How are you gonna monitor DX-cluster and transfer a binary via pactor at the same time on your one do-it-all-in-one box? Are you gonna dedicate a \$500 TNC for mobile APRS use in your car? And once you put that TNC in your car, what are you going to use at home? Remember, this person asked for a TNC that works well with APRS! Again, I've expanded past the KPC-3, but that doesn't mean it sits in my closet collecting dust.

>

>I've been running an MFJ-1270 (no suffix) for many years now. I can still  
>drop the latest ROMs in it, and have the same features as the ones still  
>in the box.

>

There is nothing wrong with the MFJ 1270. It's another good, inexpensive TNC, or at least I've heard that. I've never used one, but several people who have, steered me towards the KPC-3, stating that I'd be happier with it in the long run.

73,

Mark

KC7BXS

From sparkfel@primenet.com Wed Oct 23 01:12:00 1996

Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA07605 for <aprssig@tapr.org>; Wed, 23 Oct 1996 01:11:57 -0500 (CDT)

Received: from ip-21-179.phx.primenet.com (ip-21-179.phx.primenet.com [206.165.21.179]) by primenet.com (8.8.2/8.8.2) with SMTP id XAA00292; Tue, 22 Oct 1996 23:11:53 -0700 (MST)

Date: Tue, 22 Oct 1996 23:11:53 -0700 (MST)

Message-Id: <1.5.4.16.19961022231156.2da7d282@mailhost.primenet.com>

X-Sender: sparkfel@mailhost.primenet.com

X-Mailer: Windows Eudora Light Version 1.5.4 (16)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org, aprssig@tapr.org

From: Mark Fellhauer <sparkfel@primenet.com>

Subject: Re: new AZ wide

At 01:33 PM 10/22/96 -0500, Chris Terwilliger wrote:

>The Motorola Amateur Radio Club of Arizona is proud to announce the  
>operational status of a new APRS WIDE-RELAY digipeater in the Phoenix  
>Metro Area. The frequency is 145.79Mhz and is located in Tempe. This  
>site will serve the entire east valley and most of Phoenix. Actually,  
>W8FWF in Sun City West is solid copy into it, so coverage may be greater  
>than anticipated.  
>

Great to hear it. Now if we can just find a site in the West Valley.

As for George, W8FWF, of course he can hear it with that tower of his! I can always copy him, but he can never hear me from 47th Ave and Northern. Granted, my external antenna only has a southern exposure. The surrounding chicken wire mesh (under the stucco) and steel studs in our condo complex make a pretty good Faraday Cage! If I crank up the 50 watt radio to hit him, it sure disturbs my neighbors. Nothing like wiping out everyone's cable TV in a 100 foot radius! I've considered asking the homeowner's board for permission to put an antenna on the roof, but they might say yes. And then I'd really be in a bind...and about \$300 poorer.

BTW, monitored 145.79 for about an hour tonight and heard nothing.

>CALL = KC7KJK

>ALIAS = WIDE

>NODE = RELAY

>BT = !3321.33N/11154.33W#PHG9210/WIDE-RELAY

>

>Enjoy,

>

I will. Where is the digi located? Height?

73,

Mark  
KC7BXS

From wa8inz@concentric.net Wed Oct 23 03:04:24 1996  
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA10798 for <aprssig@tapr.org>; Wed, 23  
Oct 1996 03:04:22 -0500 (CDT)  
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])  
by tribune.concentric.net (8.7.5/(%D% %I%))  
id EAA13520; Wed, 23 Oct 1996 04:04:21 -0400 (EDT)  
[1-800-745-2747 The Concentric Network]  
Errors-To: <wa8inz@concentric.net>  
Received: from LOCALNAME (61056d00021a.concentric.net [206.173.250.134])  
by cliff.cris.com (8.8.0)  
id EAA29036; Wed, 23 Oct 1996 04:04:19 -0400 (EDT)  
Message-ID: <326DED9F.3F3@concentric.net>  
Date: Wed, 23 Oct 1996 03:04:15 -0700  
From: William Nolle <wa8inz@concentric.net>  
Organization: None  
X-Mailer: Mozilla 2.01 (Win16; U)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5761] 7.7D Bug  
References: <326D8C86.653B@telis.org>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

scott miller wrote:

>  
> oh yea I forgot to say, it will show saved digi path on list  
> but when I change to that newly saved digipath  
> it says no digipath saved under that name use Opps Digi Save to save  
> ect. Scott KE6rke

Yes your right Scott, that's a big bug!. Not only will it not save the  
path but here is what i get. When entering a digi path and then doing the  
ALT-S for saving it it still doesn't work. The strange part is that when  
entering a digi path, the path it will show is a coordianance of  
75049,86.67401,16  
And it will show this everytime as a path. I even got out of APRS then  
reloaded it and no path was saved.

--

\\\\\\\\  
(0 0)  
\*--o0-( )-0o--\*  
wa8inz@amsat.org  
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From 0004818186@mcimail.com Wed Oct 23 04:00:10 1996  
Received: from gatekeeper2.mcimail.com (gatekeeper2.mcimail.com [192.147.45.10])  
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id EAA12224 for <aprssig@tapr.org>; Wed,  
23 Oct 1996 04:00:09 -0500 (CDT)  
Received: from mailgate2.mcimail.com (mailgate2.mcimail.com [166.40.135.23]) by  
gatekeeper2.mcimail.com (8.6.12/8.6.10) with SMTP id JAA29808; Wed, 23 Oct 1996  
09:06:15 GMT  
Received: from mcimail.com by mailgate2.mcimail.com id aa15765;  
23 Oct 96 9:00 WET  
Date: Wed, 23 Oct 96 04:00 EST  
From: Miami Network <0004818186@mcimail.com>  
To: aprssig <aprssig@tapr.org>  
Subject: Re: [APRSSIG:5763] Re: newbie help  
Message-Id: <62961023090026/0004818186NA2EM@MCIMAIL.COM>

Would recommend to the individual that wanted to experiment with APRS and had  
not received his license "first" let us know what part of the world he/she is in  
and perhaps a local Amateur Radio Operator will invite you over to their station  
to see APRS working first before you purchase any equipment.

73, Seymour, KC4NMY

From ad4bl@juno.com Wed Oct 23 06:46:36 1996  
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA16189 for <aprssig@tapr.org>; Wed, 23  
Oct 1996 06:46:34 -0500 (CDT)  
Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail)  
id HAA28387; Wed, 23 Oct 1996 07:46:26 EDT  
To: aprssig@tapr.org  
Date: Wed, 23 Oct 1996 07:43:49 CDT  
Subject: Re: [APRSSIG:5752] OPS-DIGI in 77D  
Message-ID: <19961023.064537.3414.1.ad4bl@juno.com>  
References: <Pine.GS0.3.95.961022154816.26716A-100000@arctic>  
X-Mailer: Juno 1.15  
X-Juno-Line-Breaks: 0-16  
From: ad4bl@juno.com (Linda G Mullen)

To Bill and others having problems with the Opps-Digi command...

I just loaded the 77to77D upgrade. Since I have a registered copy,  
I also have a config file...the 0-D paths store in the Config file.  
I saved the config file from 7.7 [I keep it on disk so I can play with  
different versions of APRS] After I loaded the upgrade, I used  
Xtgold and changed the config file name and also changed the  
line in the config file from 7.7 to 7.7D. The 0-D command works just  
fine, however I did loose the 12th path. As long as there is a problem

with the O-D command I will make my path changes using Xtgold instead of thru the program.

Linda Mullen AD4BL DEC East Panhandle District  
Northern Florida Section  
Email ad4bl@juno.com or ad4bl@beaches.net  
Everything worth doing takes courage

From ku0g@sprynet.com Wed Oct 23 07:00:14 1996  
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA16691 for <aprssig@tapr.org>; Wed, 23 Oct 1996 07:00:12 -0500 (CDT)  
Received: from JIMDUNCA (TS1-P11.WWI.NET [204.153.64.111]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id FAA01746 for <aprssig@tapr.org>; Wed, 23 Oct 1996 05:00:09 -0700  
Date: Wed, 23 Oct 1996 05:00:09 -0700  
Message-Id: <199610231200.FAA01746@m1.sprynet.com>  
X-Sender: ku0g@m1.sprynet.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: James Duncan <ku0g@sprynet.com>  
Subject: Re: [APRSSIG:5760] 7.7D Bug

At 22:11 10/22/96 -0500, you wrote:

>I have not been able to save a digi path with 7.7D.  
>has anyone else had this kind of problem?  
>I throu out my cfig75b or whatever befor I opened the latested version  
>7.7D.

>73 and thanks Scott KE6RKE in Tahoe City,Ca.

>

In the NEWNOTES.TXT for 7.7d, Bob states that you can continue to use your 7.5 config file but you need to add 0,0 just before the lines that contain your digipaths (or just ahead of the \*'s near the end of the file if you don't have any saved!).

While I haven't tried to save any new paths, my old paths DO seem to work. I suspect that there may be a problem in the save function now rather than the config file itself. Perhaps the SAVE function is over-writing the 0,0????

At any rate, try resurrecting your config file and doing the manual edit. If that works then we'll know the answer...

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@sprynet.com

From bruninga@nadm.navy.mil Wed Oct 23 08:23:23 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA19505 for <aprssig@tapr.org>; Wed, 23

Oct 1996 08:23:22 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil  
(8.7.5/8.7.3) with SMTP id JAA18815 for <aprssig@tapr.org>; Wed, 23 Oct 1996  
09:28:27 -0400 (EDT)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs  
Date: Wed, 23 Oct 1996 09:28:26 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5765] Re: 7.7D Bug  
In-Reply-To: <326DED9F.3F3@concentric.net>  
Message-ID: <Pine.GS0.3.95.961023092655.17012D-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 23 Oct 1996, William Nolle wrote:

> scott miller wrote:  
> >  
> > oh yea I forgot to say, it will show saved digi path on list  
> > but when I change to that newly saved digipath  
> > it says no digipath saved under that name use Opps Digi Save to save  
>  
> Yes your right Scott, that's a big bug!. Not only will it not save the

APRSdos REPLY/COMMENT: I say again: Only the FIRST entry cannot be used.  
All other entries can be used and saved. So ust put a XX dummy entry in  
first.

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From wendysue@global2000.net Wed Oct 23 08:57:26 1996  
Received: from mail.global2000.net (mail.global2000.net [198.69.121.4]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA20581 for <aprssig@tapr.org>; Wed, 23  
Oct 1996 08:57:25 -0500 (CDT)  
Received: from test.global2000.net (dialup-65.global2000.net [205.247.145.165]) by  
mail.global2000.net (8.8.2/8.6.9) with SMTP id JAA01771 for <aprssig@tapr.org>;  
Wed, 23 Oct 1996 09:57:19 -0400  
Message-ID: <326E2471.5079@global2000.net>  
Date: Wed, 23 Oct 1996 09:58:09 -0400  
From: John M Dombrowski <wendysue@global2000.net>  
Organization: Mobile Office Services  
X-Mailer: Mozilla 2.0 (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5763] Re: newbie help  
References: <1.5.4.16.19961022225805.2da79278@mailhost.primenet.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mark Fellhauer wrote:

>  
> At 07:27 PM 10/22/96 -0500, Paul Christenson wrote:

> >On Tue, 22 Oct 1996, Mark D. Fellhauer wrote:  
> >  
> >> Buy a Kantronics KPC-3. Don't buy any other TNC as a beginner.  
> >  
> >Why such a glowing endorsement for the KPC3? Given their non-expandable  
> >nature, I'd hesitate to recommend it to anyone, as there are several other  
> >TNCs at the same price that CAN be expanded. I'd also think twice about  
> >buying ANY TNC that used a nonstandard default command set, regardless of  
> >the reason.  
>  
> You give exactly the reason why I recommend the KPC-3 to the beginner. It's  
> a straight-forward, no frills, TNC. As the packet coordinator for an  
> amateur radio club, I field a lot of phone calls from people who've just  
> bought their first TNC, usually one of those \$500 jobs, and they can't get  
> it to work.  
>  
> The KPC-3 is small, can be run on a wide variety of voltages, and draws  
> little power. Dirty power supplies don't phase it. I have two other TNC's,  
> one an AEA, and the other a PacComm, that crap out unless they're hooked to  
> a very clean, stable power supply. This makes them USELESS for mobile work.  
> The AEA will lock in transmit if the voltage drops too much!  
>  
> The KPC-3 is great for portable packet. It interfaces with GPS units  
> easily. It has on-line help functions. Yes, it has a non-standard command  
> set, but so what? That's what manuals are for. You can add stuff: more  
> memory, a real-time clock, and upgrading the ROM is a snap.  
>  
> The KPC-3 is inexpensive. How many times have I seen hams and non-hams buy  
> a \$500 toy, only to lose interest in it 3 months later? In this case, the  
> KPC-3 will leave your wallet a lot thicker when leaving the Ham radio store.  
>  
> >  
> >Of course, to paraphrase P.T. Barnum, you can always find a buyer for it  
> >after you've outgrown it.  
>  
> Who can live with just one TNC? How are you gonna monitor DX-cluster and  
> transfer a binary via pactor at the same time on your one do-it-all-in-one  
> box? Are you gonna dedicate a \$500 TNC for mobile APRS use in your car?  
> And once you put that TNC in your car, what are you going to use at home?  
> Remember, this person asked for a TNC that works well with APRS! Again,  
> I've expanded past the KPC-3, but that doesn't mean it sits in my closet  
> collecting dust.  
> >  
> >I've been running an MFJ-1270 (no suffix) for many years now. I can still  
> >drop the latest ROMs in it, and have the same features as the ones still  
> >in the box.  
> >  
> There is nothing wrong with the MFJ 1270. It's another good, inexpensive  
> TNC, or at least I've heard that. I've never used one, but several people  
> who have, steered me towards the KPC-3, stating that I'd be happier with it  
> in the long run.  
>  
> 73,



>  
> Mark  
> KC7BXS

Ever Heard of the Paccomm Tiny-II?

John

From wa8inz@concentric.net Wed Oct 23 09:26:15 1996  
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA21713 for <aprssig@tapr.org>; Wed, 23  
Oct 1996 09:26:13 -0500 (CDT)  
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])  
by tribune.concentric.net (8.7.5/(%D% %I%))  
id KAA21718; Wed, 23 Oct 1996 10:26:11 -0400 (EDT)  
[1-800-745-2747 The Concentric Network]  
Errors-To: <wa8inz@concentric.net>  
Received: from LOCALNAME (61038d00191a.concentric.net [206.173.242.199])  
by cliff.cris.com (8.8.0)  
id KAA17859; Wed, 23 Oct 1996 10:26:08 -0400 (EDT)  
Message-ID: <326E471D.2175@concentric.net>  
Date: Wed, 23 Oct 1996 09:26:05 -0700  
From: William Nolle <wa8inz@concentric.net>  
Organization: None  
X-Mailer: Mozilla 2.01 (Win16; U)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5767] Re: OPS-DIGI in 77D  
References: <19961023.064537.3414.1.ad4bl@juno.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Linda G Mullen wrote:

>  
> To Bill and others having problems with the Opps-Digi command...  
>  
> I just loaded the 77to77D upgrade. Since I have a registered copy,  
> I also have a config file...the O-D paths store in the Config file.  
> I saved the config file from 7.7 [I keep it on disk so I can play with  
> different versions of APRS] After I loaded the upgrade, I used  
> Xtgold and changed the config file name and also changed the  
> line in the config file from 7.7 to 7.7D. The O-D command works just  
> fine, however I did loose the 12th path. As long as there is a problem  
> with the O-D command I will make my path changes using Xtgold  
> instead of thru the program.  
>  
> Linda Mullen AD4BL DEC East Panhandle District  
> Northern Florida Section  
> Email ad4bl@juno.com or ad4bl@beaches.net  
> Everything worth doing takes courage

Yes Linda that's one way of doing it and thanks for the comments. I just

went back to 77c for now untill Bob get's it fixed Hi.

--

\\\\\\\\  
(0 0)  
\*--o0-(\_-)-0o--\*  
wa8inz@amsat.org  
wa8inz@cris.com

Check out my dedicated A.P.R.S Web Page.

THANKS TO THE 38 MENTOR VOLUNTEERS

<http://www.concentric.net/~wa8inz>

From sproul@ap.org Wed Oct 23 10:05:19 1996

Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA23270 for <aprssig@tapr.org>; Wed, 23 Oct 1996 10:05:17 -0500 (CDT)

Received: from [165.1.27.171] by janus.ap.org (SMI-8.6/SMI-SVR4) id KAA02757; Wed, 23 Oct 1996 10:59:35 -0400

X-Sender: sproul@165.1.6.1

Message-Id: <v03007802ae93e088f6e7@[165.1.27.171]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Wed, 23 Oct 1996 11:00:02 -0400

To: aprssig@tapr.org

From: Mark Sproul <sproul@ap.org>

Subject: WinAPRS version 1.1.5

I have posted WinAPRS version 1.1.5 up on Rutgers

<http://aprs.rutgers.edu/APRS/>

or

<ftp://aprs.rutgers.edu/pub/hamradio/aprs/>

I will be posting it to TAPR in a little while.

There are 2 files

|               |         |            |
|---------------|---------|------------|
| WAPRS115.ZIP  | 1070 Kb | Tue Oct 22 |
| 22:01:00 1996 |         |            |
| W115UPDT.ZIP  | 229 Kb  | Tue Oct 22 |
| 21:59:00 1996 |         |            |

The first is the full release including maps, the second is just the .exe, the DLLs and the help file. If you already have WinAPRS you probably just want the update (the 2nd one).

There are only a few changes in this release.

A fix to a problem with parsing data from a Ultimeter weather station.

Fixed bug in Auto Start - previously only VHF would auto start, none of the other ports would auto start correctly. Also fixed conflict

between

auto start and serial debug mode.

Memory usage window. This was added to try to track down some problems several people were having with memory leaks. So far I have not been able to prove anything with it either way but if you are having

problems

you might find it interesting. This window is NOT for general usage, therefore its contents may seem cryptic.

QRZ CD-ROM has now been tested and is working properly. You need the index file from our FTP site.

HSP is still not done but its getting real close.

We should be completely caught up on registrations. If you have sent for a regration and have NOT received it, let us know ASAP.

Mark Sproul

---

|                                 |                       |
|---------------------------------|-----------------------|
| Mark Sproul                     | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press |                       |
| sproul@ap.org                   | Work: 609-860-7120    |
| North Brunswick, NJ             | Fax: 609-860-7129     |
| http://msproul.rutgers.edu/     |                       |

---

From bcdpe@innova.net Wed Oct 23 10:32:45 1996

Received: from atl1.america.net (atl1.america.net [199.170.121.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA24129 for <aprssig@tapr.org>; Wed, 23 Oct 1996 10:26:07 -0500 (CDT)

Received: from [130.127.29.28] (tester.clemson.edu [130.127.29.28]) by atl1.america.net (8.7.6/8.7.3) with ESMTP id LAA07195 for <aprssig@tapr.org>; Wed, 23 Oct 1996 11:10:33 -0400 (EDT)

X-Sender: bcdpe@mail.innova.net

Message-Id: <v03007804ae93e451c396@[130.127.29.28]>

In-Reply-To: <199610231200.FAA01746@m1.sprynet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Wed, 23 Oct 1996 11:12:06 -0400

To: aprssig@tapr.org

From: Bruce Douberley <bcdpe@innova.net>

Subject: Re: [APRSSIG:5768] Re: 7.7D Bug

>At 22:11 10/22/96 -0500, you wrote:

>>I have not been able to save a digi path with 7.7D.

>>has anyone else had this kind of problem?

>>I throu out my cfig75b or whatever befor I opened the latested version >>7.7D.

>>73 and thanks Scott KE6RKE in Tahoe City,Ca.

>>

>In the NEWNOTES.TXT for 7.7d, Bob states that you can continue to use your  
>7.5 config file but you need to add 0,0 just before the lines that contain  
>your digipaths (or just ahead of the \*'s near the end of the file if you  
>don't have any saved!).

Greetings,

I have been monitoring the SIG for sometime and this is the first my first response.

I AM registered and I have read OPS.txt etc.

7.7d seems to work fine and will save (sometimes) the Digipaths "ww, rw, no" also can manual edit. But I found out by pressing just the "u" the original "ou" response is displayed. I filled in the info and returned to the map screen. Then did alt "s" and saved my config. I left program and returned and the proper digipath was there. I did have the error messages "can't save etc. appear when I tried to follow the new procedure again so I don't know what I did. I will be monitoring for help also.

Thanks

Bruce Douberley  
Clemson University  
School of Textiles Fiber, and Polymer Science  
161 Sirrine Hall  
Clemson, SC 29634-1307  
Phone: (864) 656-5972  
Fax: (864) 656-5973  
Email :  
bcdpe@clemson.edu  
bcdpe@innova.net

From jleonard@tbcnet.com Wed Oct 23 10:49:59 1996

Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA25327 for <aprssig@tapr.org>; Wed, 23 Oct 1996 10:49:57 -0500 (CDT)

Received: from PR142.tbcnet.com (PR142.tbcnet.com [207.112.227.42]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id KAA04879 for <aprssig@tapr.org>; Wed, 23 Oct 1996 10:49:56 -0500

X-Authentication-Warning: tbc1.tbcnet.com: Host PR142.tbcnet.com [207.112.227.42] didn't use HELO protocol

Message-Id: <1.5.4.32.19961023154907.006b0af0@tbcnet.com>

X-Sender: jleonard@tbcnet.com

X-Mailer: Windows Eudora Light Version 1.5.4 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Wed, 23 Oct 1996 10:49:07 -0500

To: aprssig@tapr.org

From: "John B. Leonard, Jr" <jleonard@tbcnet.com>

Subject: Re: [APRSSIG:5770] Re: newbie help

How about a LIST of recommended TNC's (and their settings) and firmware

versions for APRS?

jbl

At 09:01 10/23/96 -0500, you wrote:

>Mark Fellhauer wrote:

>> >

>> >> Buy a Kantronics KPC-3. Don't buy any other TNC as a beginner.

>> >

>> >I've been running an MFJ-1270 (no suffix) for many years now.

>Ever Heard of the Paccomm Tiny-II?

-----  
J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com

WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>

American Red Cross Disaster Services - DeKalb Co Chapter

From joefoor@digitalexp.com Wed Oct 23 11:59:51 1996

Received: from mail.digitalexp.com (dns.digitalexp.com [204.49.137.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA28084 for <aprssig@tapr.org>; Wed, 23 Oct 1996 11:59:49 -0500 (CDT)

Received: from dial-07.marianna.fl.digitalexp.com ([204.49.137.56])  
by mail.digitalexp.com (post.office MTA v1.9.3b  
\*\*\*\* trial license expired \*\*\*\*) with SMTP id AAA155  
for <aprssig@tapr.org>; Wed, 23 Oct 1996 11:58:53 -0500

X-Sender: joefoor@digitalexp.com

X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: joefoor@digitalexp.com (Foor, Joe)

Subject: Re: [APRSSIG:5764] Re: new AZ wide

Date: Wed, 23 Oct 1996 11:58:53 -0500

Message-ID: <19961023165851887.AAA155@dial-07.marianna.fl.digitalexp.com>

In a message dated Wed, 23 Oct 1996 01:13:28, Mark wrote;

>If I crank up the 50 watt radio to hit

>him, it sure disturbs my neighbors. Nothing like wiping out everyone's

>cable TV in a 100 foot radius!

A 100 ft radius??? You better check that radio with a spectrum analyzer, before using it again. I can rotate my beam around and point it directly at my TV antenna, hitting it with 200W ERP (at about thirty feet distant) and still not get any interference at all.

regards,

Joe kf4dys

From sparkfel@primenet.com Wed Oct 23 12:01:28 1996  
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA28112 for <aprssig@tapr.org>; Wed, 23 Oct 1996 12:01:24 -0500 (CDT)  
Received: from ip-20-076.phx.primenet.com (ip-20-076.phx.primenet.com [206.165.20.76]) by primenet.com (8.8.2/8.8.2) with SMTP id KAA07093; Wed, 23 Oct 1996 10:01:14 -0700 (MST)  
Date: Wed, 23 Oct 1996 10:01:14 -0700 (MST)  
Message-Id: <1.5.4.16.19961023100117.1f17a6e2@mailhost.primenet.com>  
X-Sender: sparkfel@mailhost.primenet.com  
X-Mailer: Windows Eudora Light Version 1.5.4 (16)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org, aprssig@tapr.org  
From: "Mark D. Fellhauer" <sparkfel@primenet.com>  
Subject: Re: [APRSSIG:5770] Re: newbie help

At 09:01 AM 10/23/96 -0500, John M Dombkowski wrote:

>Ever Heard of the Paccomm Tiny-II?

Yes, I have.

Remember, another person asked for suggestions. Most of the responses I've seen have been made to me, and not any helpful hints to a new user of APRS (which is what started this). Perhaps you might like to offer an opinion as to why the PacComm would be a better choice than a KPC-3.

PacComm TNC's are not as common as the KPC-3, and it might be harder to find a local elmer who knows much about them. They are not carried by any Ham Radio Stores that I've been to. No local purchase access is a downside, IMHO.

One feature I forgot to mention is that the KPC-3 has a remote sysop function which allows one to alter the TNC's settings by radio. This is a very helpful feature when using and setting up APRS, especially in mobile trackers. PacComm does not offer this.

To recap, the KPC-3 offers many postive traits to any user of APRS.

- Low cost
- Good local availability
- Many in use
- Accepts a wide variation in input voltage
- Immune to line noise and power fluctuations
- Very Low power consumption, can run for hours on a 9 volt battery
- Easy to set up for use with a GPS unit
- Interfaces with a GPS unit unbuffered
- parses time into its internal clock via GPS
- Remote sysop
- small physical size
- low weight
- On-line help

- reliable
- easy to wire up to transceiver
- no deviation settings to mess with, it just works

All of these features make it a very good choice for APRS.

73,

Mark Fellhauer  
KC7BXS

From wendysue@global2000.net Wed Oct 23 12:08:28 1996  
Received: from mail.global2000.net (mail.global2000.net [198.69.121.4]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA28482 for <aprssig@tapr.org>; Wed, 23  
Oct 1996 12:08:27 -0500 (CDT)  
Received: from test.global2000.net (dialup-65.global2000.net [205.247.145.165]) by  
mail.global2000.net (8.8.2/8.6.9) with SMTP id NAA10718 for <aprssig@tapr.org>;  
Wed, 23 Oct 1996 13:08:25 -0400  
Message-ID: <326E513C.3BC3@global2000.net>  
Date: Wed, 23 Oct 1996 13:09:16 -0400  
From: John M Dombrowski <wendysue@global2000.net>  
Organization: Mobile Office Services  
X-Mailer: Mozilla 2.0 (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5774] Re: newbie help  
References: <1.5.4.32.19961023154907.006b0af0@tbcnet.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John B. Leonard, Jr wrote:

>  
> How about a LIST of recommended TNC's (and their settings) and firmware  
> versions for APRS?  
>  
> jbl  
>  
> At 09:01 10/23/96 -0500, you wrote:  
> >Mark Fellhauer wrote:  
>  
> >> >  
> >> >> Buy a Kantronics KPC-3. Don't buy any other TNC as a beginner.  
> >> >  
>  
> >> >I've been running an MFJ-1270 (no suffix) for many years now.  
>  
> >Ever Heard of the Paccomm Tiny-II?  
> -----  
> J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com  
> WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>  
> American Red Cross Disaster Services - DeKalb Co Chapter

probably because that would make perfect sence!:-)

John

```

From jagrelo@cris.com Wed Oct 23 12:13:17 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA28700 for <aprssig@tapr.org>; Wed, 23
Oct 1996 12:13:15 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
    by tribune.concentric.net (8.7.5/(%D% %I%))
    id NAA05095; Wed, 23 Oct 1996 13:13:14 -0400 (EDT)
    [1-800-745-2747 The Concentric Network]
Errors-To: <jagrelo@cris.com>
Received: from crc3.pop3.net (cnc059040.concentric.net [206.83.77.40])
    by cliff.cris.com (8.8.0)
    id NAA06838; Wed, 23 Oct 1996 13:13:11 -0400 (EDT)
Message-ID: <326E7D81.1DEA@cris.com>
Date: Wed, 23 Oct 1996 13:18:09 -0700
From: Joe Agrelo <jagrelo@cris.com>
Reply-To: jagrelo@cris.com
Organization: Agrelo Engineering
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5772] WinAPRS version 1.1.5
References: <v03007802ae93e088f6e7@[165.1.27.171]>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```

Mark Sproul wrote:

```
>  
> I have posted WinAPRS version 1.1.5 up on Rutgers  
> ftp://aprs.rutgers.edu/pub/hamradio/aprs/
```

Mark,

I went to download the files and they were both empty.

```
73 De Joe N200C (new address & phone effective 8/15)
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      Agrelo Engineering
        Joe Agrelo/President
    P.O.Box 231 Pattersonville, NY 12137 USA
          ph (518)864-7551 effective 8/15
            fax (518)864-7553   "       "
                mailto:Jagrelo@cris.com
    WEB: http://home.navisoft.com/agrelo/ae.htm
Designer & Manufacturer of intelligent microprocessor
based Doppler, talking products and RF.
Experts in Microchip & Motorola processors
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```



From schiers@ames.net Wed Oct 23 13:01:24 1996  
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id NAA00812 for <aprssig@tapr.org>; Wed, 23 Oct 1996  
13:01:22 -0500 (CDT)  
From: schiers@ames.net  
Message-Id: <199610231801.NAA00812@tapr.org>  
Received: from [206.29.126.237] by ames.net id 67230.wrk; Wed, 23 Oct 1996  
12:57:08 -0600  
Date: Wed, 23 Oct 96 12:54:12 -0500  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5778] Re: WinAPRS version 1.1.5  
In-Reply-To: <849051@bbs.ames.net>  
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.17

In <849051@bbs.ames.net>, on 10/23/96 at 12:24 PM,  
aprssig@tapr.org said:

>I went to download the files and they were both empty.

I tried to ftp the smaller of the two and it timed out my ftp connection  
after about 70k.

The files are on the tapr web site...got both files (update and full ver)  
in a matter of a few minutes.

My experience with the rutgers ftp site has never been good, although I  
always try it at least once. TAPR site works much better for me.

Hope to have it on after work later today. 73,

URL for the files:  
<ftp://ftp.tapr.org/tapr/SIG/aprssiG/files/winstuff/WinAPRS>

You can ftp to the same site/directory structure by just ftp'ing tapr.org  
and changing to the proper directories. Directory names can be CASE  
SENSITIVE.

Update Only: w115updt.zip  
Full Version: wapr115.zip

hasan schiers, NOAN--

-----  
schiers@ames.net  
-----

From wendysue@global2000.net Wed Oct 23 13:09:17 1996  
Received: from mail.global2000.net (mail.global2000.net [198.69.121.4]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA01255 for <aprssig@tapr.org>; Wed, 23  
Oct 1996 13:09:14 -0500 (CDT)  
Received: from test.global2000.net (dialup-65.global2000.net [205.247.145.165]) by  
mail.global2000.net (8.8.2/8.6.9) with SMTP id OAA13763 for <aprssig@tapr.org>;  
Wed, 23 Oct 1996 14:09:12 -0400

Message-ID: <326E5F7A.30F9@global2000.net>  
Date: Wed, 23 Oct 1996 14:10:02 -0400  
From: John M Dombrowski <wendysue@global2000.net>  
Organization: Mobile Office Services  
X-Mailer: Mozilla 2.0 (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5776] Re: newbie help  
References: <1.5.4.16.19961023100117.1f17a6e2@mailhost.primenet.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mark D. Fellhauer wrote:

>  
> At 09:01 AM 10/23/96 -0500, John M Dombrowski wrote:  
>  
> >Ever Heard of the Paccomm Tiny-II?  
>  
> Yes, I have.  
>  
> Remember, another person asked for suggestions. Most of the responses I've  
> seen have been made to me, and not any helpful hints to a new user of APRS  
> (which is what started this). Perhaps you might like to offer an opinion as  
> to why the PacComm would be a better choice than a KPC-3.  
>  
> PacComm TNC's are not as common as the KPC-3, and it might be harder to find  
> a local elmer who knows much about them. They are not carried by any Ham  
> Radio Stores that I've been to. No local purchase access is a downside, IMHO.  
>  
> One feature I forgot to mention is that the KPC-3 has a remote sysop  
> function which allows one to alter the TNC's settings by radio. This is a  
> very helpful feature when using and setting up APRS, especially in mobile  
> trackers. PacComm does not offer this.  
>  
> To recap, the KPC-3 offers many postive traits to any user of APRS.  
>  
> -Low cost  
> -Good local availability  
> -Many in use  
> -Accepts a wide variation in input voltage  
> -Immune to line noise and power fluctuations  
> -Very Low power consumption, can run for hours on a 9 volt battery  
> -Easy to set up for use with a GPS unit  
> -Interfaces with a GPS unit unbuffered  
> -parses time into its internal clock via GPS  
> -Remote sysop  
> -small physical size  
> -low weight  
> -On-line help  
> -reliable  
> -easy to wire up to transceiver  
> -no deviation settings to mess with, it just works  
>

> All of these features make it a very good choice for APRS.  
>  
> 73,  
>  
> Mark Fellhauer  
> KC7BXS

Hi Mark

Perhaps I should appologize for sending a one liner as they always seem to generate a negative response. In my opinion one should duplicate their elmers setup to reduce the learning curve. Also I was just offering an altenative to the KPC-3 as the conversation was seemingly focused on standard command sets. The Tiny-II meets the criteria being discussed and has the standard command set. Also if you have a local ham dealer you are probably in the minority as most of us pick up the phone to get anything new in ham gear. Again my intention was NOT to throw you off or piss you off! Hind sight being 20-20 I can see how my one liner could be perceived as a "speeer" which was not my intention.

73

John

From alan@ernest.itg.ti.com Wed Oct 23 13:16:16 1996  
Received: from dragon.ti.com (dragon.ti.com [192.94.94.61]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA01468 for <aprssig@tapr.org>; Wed, 23 Oct 1996 13:16:15 -0500 (CDT)  
Received: from robin.itg.ti.com ([128.247.31.238]) by dragon.ti.com (8.6.13) with ESMTP id NAA26641 for <aprssig@tapr.org>; Wed, 23 Oct 1996 13:15:43 -0500  
Received: from ernest.itg.ti.com (ernest.itg.ti.com [172.25.50.162]) by robin.itg.ti.com (8.7.3/8.6.11) with SMTP id NAA03698 for <aprssig@tapr.org>; Wed, 23 Oct 1996 13:15:09 -0500 (CDT)  
Received: by ernest.itg.ti.com (Smail3.1.28.1 #4)  
id m0vG7ng-000071C; Wed, 23 Oct 96 13:13 CDT  
Message-Id: <m0vG7ng-000071C@ernest.itg.ti.com>  
From: alan@ernest.itg.ti.com (Alan Edmonds)  
Subject: Re: [APRSSIG:5774] Re: newbie help  
In-Reply-To: <1.5.4.32.19961023154907.006b0af0@tbcnet.com> from "John B. Leonard, Jr" at "Oct 23, 96 10:51:44 am"  
To: aprssig@tapr.org  
Date: Wed, 23 Oct 1996 13:13:06 -0500 (CDT)  
Organization: Texas Instruments, Inc. Plano TX  
X-Mailer: ELM [version 2.4ME+ PL26 (25)]  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

I use an AEA PK-12 both at the QTH and GPS-mobile. I don't recall the firware rev, but it does have GPS capability. It does support some remote programming.

> How about a LIST of recommended TNC's (and their settings) and firmware  
> versions for APRS?  
>  
> jbl  
>

--

|                                            |                         |
|--------------------------------------------|-------------------------|
| Alan Edmonds, KB5ZUY                       | Texas Instruments, Inc. |
| System Administrator, Composer Development | M/S 8515                |
| Phone: +1-972-575-6427                     | 6620 Chase Oaks Blvd.   |
| Email: Alan.Edmonds@ti.com                 | Plano, TX, USA 75023    |

From sparkfel@primenet.com Wed Oct 23 13:32:09 1996  
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA02056 for <aprssig@tapr.org>; Wed, 23  
Oct 1996 13:32:04 -0500 (CDT)  
Received: from ip-20-065.phx.primenet.com (ip-20-065.phx.primenet.com  
[206.165.20.65]) by primenet.com (8.8.2/8.8.2) with SMTP id LAA02640; Wed, 23 Oct  
1996 11:31:51 -0700 (MST)  
Date: Wed, 23 Oct 1996 11:31:51 -0700 (MST)  
Message-Id: <1.5.4.16.19961023113154.24371428@mailhost.primenet.com>  
X-Sender: sparkfel@mailhost.primenet.com  
X-Mailer: Windows Eudora Light Version 1.5.4 (16)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org, aprssig@tapr.org  
From: "Mark D. Fellhauer" <sparkfel@primenet.com>  
Subject: Re: [APRSSIG:5775] Re: new AZ wide

At 12:03 PM 10/23/96 -0500, Foor, Joe wrote:

>In a message dated Wed, 23 Oct 1996 01:13:28, Mark wrote;  
>  
>>If I crank up the 50 watt radio to hit  
>>him, it sure disturbs my neighbors. Nothing like wiping out everyone's  
>>cable TV in a 100 foot radius!  
>  
>A 100 ft radius??? You better check that radio with a spectrum analyzer,  
>before using it again. I can rotate my beam around and point it directly  
>at my TV antenna, hitting it with 200W ERP (at about thirty feet  
>distant) and still not get any interference at all.  
>  
>regards,  
>Joe kf4dys  
>

Well, all my radios do it to CABLE TV, including the radio I mentioned,  
which is an FT-8500.  
Remember, some cable TV channels are transmitted in the 2 meter band range.  
My 5 watt HT will wipe out the cable in the lower channel ranges (around  
channel 18 especially). It's been scoped a few times and is well within spec.

I find it hard to believe that your radio won't phase a TV at 30 feet. Most of my RF transmission devices will cause at least some interference. Clunks, wavy screens, etc. My gold-stickered RC transmitter does some really goofy things to my computer monitors. You can actually see the RF pulses. (G)

From jratchf@bulldog.afsc.k12.ar.us Wed Oct 23 13:35:08 1996  
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA02362 for <aprssig@tapr.org>; Wed, 23 Oct 1996 13:35:03 -0500 (CDT)  
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id NAA08622; Wed, 23 Oct 1996 13:34:53 -0500  
Date: Wed, 23 Oct 1996 13:34:53 -0500 (CDT)  
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>  
To: aprssig@tapr.org  
cc: aprssig@tapr.org  
Subject: Re: [APRSSIG:5753] Re: newbie help  
In-Reply-To: <1.5.4.16.19961022131536.1e8fd050@mailhost.primenet.com>  
Message-ID: <Pine.LNX.3.91.961023133108.8520A-100000@bulldog.afsc.k12.ar.us>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here's another 2 cents. KPC-3 TNC, crystal controlled radios. I have three KPC-3's all dedicated to APRS, one of which is a digi. I also use have three crystal controlled radios. You can pick those up at a hamfest. Forget the scanner, just don't hook up the trasmit side of the tnc until you get your ticket.

On Tue, 22 Oct 1996, Mark D. Fellhauer wrote:

> At 12:19 PM 10/22/96 -0500, Gumby wrote:  
> >I have been following the list for awhile now, I finally got a  
> >computer and I really want to get started with APRS. I do not have a  
> >ham license yet, but I want to see whats going on in my area (22mi.NE of  
> >Seattle WA.). can someone reccomend an inexpensive receiver/scanner  
> >and maybe do a little bit of elmering?  
> >  
>  
> Buy a Kantronics KPC-3. Don't buy any other TNC as a beginner. If you like  
> APRS/Packet you can always buy another TNC later if you want more features.  
> And I bet you will still use the KPC-3 even after purchasing another TNC. I  
> have FIVE TNC's (including a 9600 bps Paccomm Spirit-2) and use the KPC-3  
> most consistantly.  
>  
> Any scanner, even a 25 dollar used one, should work well for monitoring  
> APRS. Or, any 2-meter HT, used or new is also appropriate. Standard has a  
> new 2 meter HT with alphanumeric display for under \$200. ADI also makes an  
> inexpensive 2-meter HT. I have found older non-pl, non-DTMF, 2-meter  
> transceivers for under \$50. Some are crystal controlled, and those may be  
> difficult to put on 145.79 MHz. I recommend buying a new HT. I looked for  
> two years at hamfests for someone asking a "reasonable" price for a used HT



>

-----  
J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com  
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>  
American Red Cross Disaster Services - DeKalb Co Chapter

From sproul@ap.org Wed Oct 23 14:34:36 1996  
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)  
with SMTP id OAA04746 for <aprssig@tapr.org>; Wed, 23 Oct 1996 14:34:34 -0500  
(CDT)  
Received: from [165.1.27.171] by janus.ap.org (SMI-8.6/SMI-SVR4)  
id PAA17010; Wed, 23 Oct 1996 15:28:56 -0400  
X-Sender: sproul@165.1.6.1  
Message-Id: <v03007804ae9420d511bc@[165.1.27.171]>  
In-Reply-To: <326E7D81.1DEA@cris.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Wed, 23 Oct 1996 15:24:55 -0400  
To: aprssig@tapr.org  
From: Mark Sproul <sproul@ap.org>  
Subject: Re: WinAPRS version 1.1.5

>

>I went to download the files and they were both empty.

>

I have checked it with an FTP client and with Netscape and both work. If  
you are having problems, they are up on TAPR as well

Mark

-----  
Mark Sproul | Amateur Radio: KB2ICI  
Software Engineer @ Assoc Press |  
sproul@ap.org | Work: 609-860-7120  
North Brunswick, NJ | Fax: 609-860-7129  
<http://msproul.rutgers.edu/>  
-----

From rgeer@physio-control.com Wed Oct 23 15:44:07 1996  
Received: from redbarn (redbarn.physio-control.com [192.31.209.65]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id PAA07216 for <aprssig@tapr.org>; Wed, 23 Oct 1996  
15:44:01 -0500 (CDT)  
Received: from physio-control.com ([40.169.12.20]) by redbarn (4.1/SMI-4.1)  
id AA26376; Wed, 23 Oct 96 13:51:34 PDT  
Received: from einstein.physio-control by physio-control.com (4.1/SMI-4.1)  
id AA23655; Wed, 23 Oct 96 13:43:26 PDT  
Date: Wed, 23 Oct 96 13:43:26 PDT  
Message-Id: <9610232043.AA23655@physio-control.com>

Received: by einstein.physio-control (4.1/SMI-4.1)  
id AA15225; Wed, 23 Oct 96 13:43:26 PDT  
From: Gumby <rgeer@physio-control.com>  
To: aprssig@tapr.org  
Subject: Thanks!  
Reply-To: rgeer@physio-control.com

I just wanted to Thank all of you for your input, keep it coming!

Thanks again!  
Robert (gumby)

From aprs@juno.com Wed Oct 23 15:50:14 1996  
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA07529 for <aprssig@tapr.org>; Wed, 23  
Oct 1996 15:50:13 -0500 (CDT)  
Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail)  
id QAH26675; Wed, 23 Oct 1996 16:36:59 EDT  
To: aprssig@tapr.org  
Subject: Re: new AZ wide  
Message-ID: <19961023.143303.8774.7.aprs@juno.com>  
References: <19961023165851887.AAA155@dial-07.marianna.fl.digitalexp.com>  
X-Mailer: Juno 1.15  
X-Juno-Line-Breaks: 3-4,7-8,10-18,20-27  
From: aprs@juno.com (ap rs)  
Date: Wed, 23 Oct 1996 16:36:59 EDT

That is feasible. Remember that CATV uses part of our 2 meter, 220, and  
440 spectrum. If there is a cable leak, 2 meters WILL wipe out channel  
18 at least. An old CATV axiom: "Where there is egress there is also  
ingress".

Actually, it may wipe out channel 18 without a leak, if he's close  
enough. The problem is that of the CATV company, and the owners of the  
poorly shielded TV, but try telling that to an irate neighbor.

He said CABLE TV. You said you have an antenna. You are not watching  
CATV 18 if you have an antenna, I believe.

Ralph  
rwf@mindspring.com

On Wed, 23 Oct 1996 12:03:36 -0500 (CDT) joefoor@digitalexp.com (Foor,  
Joe) writes:  
>A 100 ft radius??? You better check that radio with a spectrum  
>analyzer,  
>before using it again. I can rotate my beam around and point it  
>directly  
>at my TV antenna, hitting it with 200W ERP (at about thirty feet



>distant) and still not get any interference at all.

>

From kr4ol@juno.com Wed Oct 23 17:46:09 1996

Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA11779 for <aprssig@tapr.org>; Wed, 23 Oct 1996 17:46:07 -0500 (CDT)

From: kr4ol@juno.com

Received: (from kr4ol@juno.com) by x6.boston.juno.com (queuemail) id RAA13992; Wed, 23 Oct 1996 17:30:55 EDT

To: aprssig@tapr.org

Date: Wed, 23 Oct 1996 15:52:58 PST

Subject: 75 Ohm CATV Hardline

Message-ID: <19961023.155306.32487.0.KR40L@juno.com>

X-Mailer: Juno 1.00

X-Juno-Line-Breaks: 0,13-14,23-24,29-30,32,35

Good Grief! I'm real sorry guys! I did not intend to start a debate on the merits of 75 Ohm CATV Hardline with my previous message regarding our experience with it. I am a strong proponent of using surplus material for HAM purposes. Most of the equipment I use for packet and APRS is surplus gear. I can assure you, I looked into it very carefully before putting up the CATV hardline and was sure we could use it with little trouble. I also think the fine folks at ZD Manufacturing do a super job. Their literature and service speak volumes of the personal care they put into their product. If another HAM were asking about using CATV hardline for a similar application, I would, of course, recommend 50 Ohm Hardline over the CATV Hardline, but if the situation is similar to the one we faced when trying to get our system on the air, I would recommend using the CATV Hardline without reservation.

My purpose in addressing this in the first place was in response to another sysop's recommendation that we leave our CATV hardline in place. If I had been able to track down the problem in this hardline, I might be persuaded to leave it in place. Let me assure you, we have searched very carefully for the culprit and have found none. No "kinks", connections are sound, jumper cable at the antenna is good. Perhaps it could be a "bad" transformer. I agree, it could happen. At any rate, I have recently had donated enough 7/8" 50 Ohm hardline to replace the CATV hardline. Now, what would you do?

I appreciate all the responses regarding our efforts on getting KR40L-2 on the air! I first started using APRS in February of 1994 ( I think it was ver 7.3a ). The group in Georgia has grown considerably since then! It is very nice to boot up and see so many stations on the map! Thanks for hearing me out, and I hope I have not offended.

73! de Tom, KR40L @

KR40L.#MCN.GA.USA.NA

or, KR40L

@Juno.com

From koisj@ziplink.net Wed Oct 23 18:39:16 1996  
Received: from mail.zipnet.net (mail.zipnet.net [199.232.240.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA13764 for <aprssig@tapr.org>; Wed, 23 Oct 1996 18:39:07 -0500 (CDT)  
Received: from LOCALNAME (ip78-max1-lowell.zipnet.net [206.15.163.238]) by mail.zipnet.net (8.7.6/8.7.3) with SMTP id TAA23752 for <aprssig@tapr.org>; Wed, 23 Oct 1996 19:38:39 -0400 (EDT)  
Message-ID: <326ED6AB.33B9@zipnet.net>  
Date: Wed, 23 Oct 1996 19:38:35 -0700  
From: Jim Warakois <koisj@ziplink.net>  
X-Mailer: Mozilla 2.01KIT (Win16; U)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: makemaplist and new maps  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi, All

I have a question for mapmakers.

I have recently created a bunch (50 or so) new maps using mk100k3.exe which should help organize my Boston map series...

I now want to make a maplist using mkmaplist.exe/bas.  
I run the make maplist program (I use it renamed for brevity)  
and I get the directory file but it wont create the psudo maplist.### file

My question: is there a change in the maps that doesn't allow the list to be made or am I missing something??

Jim/ W1KRU

warakois@world.std.com

From joefoor@digitalexp.com Wed Oct 23 20:03:54 1996  
Received: from mail.digitalexp.com (dns.digitalexp.com [204.49.137.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA16939 for <aprssig@tapr.org>; Wed, 23 Oct 1996 20:03:51 -0500 (CDT)  
Received: from dial-23.marianna.fl.digitalexp.com ([204.49.137.72]) by mail.digitalexp.com (post.office MTA v1.9.3b \*\*\*\* trial license expired \*\*\*\*) with SMTP id AAA196 for <aprssig@tapr.org>; Wed, 23 Oct 1996 20:02:52 -0500  
X-Sender: joefoor@digitalexp.com  
X-Mailer: Windows Eudora Version 1.4.4  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: joefoor@digitalexp.com (Foor, Joe)  
Subject: Re: [APRSSIG:5782] Re: new AZ wide  
Date: Wed, 23 Oct 1996 20:02:52 -0500  
Message-ID: <19961024010251074.AAA196@dial-23.marianna.fl.digitalexp.com>

In a message dated Wed, 23 Oct 1996, Mark wrote;

>My 5 watt HT will wipe out the cable in the lower channel ranges (around  
>channel 18 especially). It's been scoped a few times and is well within  
spec.

Scoped? As in Oscilloscope? That won't tell you much at those frequencies. If you are clipping your RF signal, you will be generating odd harmonics. The "O"scope won't display the waveform distortion on a 2M frequency, unless the "O"scope is good for at least 450Mhz. Even then, you won't see the clipping, but you will see some distortion of the waveform. To actually see the clipping, you should be using an "O"scope with a bandwidth of at least 10 times the frequency you are looking at (for 2M that means a bandwidth of 1,500Mhz). That's why I suggested a spectrum analyzer.

>I find it hard to believe that your radio won't phase a TV at 30 feet. Most  
>of my RF transmission devices will cause at least some interference.  
>Clunks, wavy screens, etc. My gold-stickered RC transmitter does some  
>really goofy things to my computer monitors. You can actually see the RF  
>pulses. (G)

Fortunately, for me, your lack of faith does not affect my reality :-)

Before Hurricane season, I had all my 2M antennas stacked over my TV antenna, with the Radios (Alinco DR-150T and DJ-582) on an end table, near the TV and my stereo. There was never any detectable interference, in the video or audio of either system.

At the beginning of Hurricane season, I stuck up another mast 30 feet away, to reduce the wind loads on the, el cheapo, Radio Shack rotor. I still get no detectable interference.

Since then, I have relocated my radio equipment into an extra room, on a shelf directly above my computer, to keep it all together for APRS. I also get no interference there.

The only time I have ever experienced any interference, from my 2M equipment, was when I was testing a homebrew three element quad in the kitchen. It set off the smoke detector and the cats went crazy :-)

In a message dated Wed, 23 Oct 1996 15:58:14, Ralph wrote;

>He said CABLE TV. You said you have an antenna. You are not watching  
>CATV 18 if you have an antenna, I believe.

You are right there, Ralph. The cable doesn't come within four miles of my home. However, Mark said that he was causing interference which would "wipe out the cable". This doesn't sound like a single shared frequency problem. Considering that one single TV channel is 6Mhz wide, he would have to be using spread spectrum to cause that much interference if everything is working right.

Admittedly, the fault may not be in his radio. But it is the easiest thing to check out. So, logically, it should be eliminated before progressing to other checks.

regards,  
Joe kf4dys

(I just do it all for fun now)

-----  
Miniature Repair Technician(retired), Electronics Instructor(retired),  
Motorcycle Instructor(retired), Ditch Digger(retired), Sailor(retired),  
Technical Writer(retired), Petty Bureaucrat(retired), Gambler(retired),  
Truck Driver(retired), Jungle Guide(retired), Hog Farmer(retired)

From bruninga@nadm.navy.mil Wed Oct 23 20:50:27 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA18524 for <aprssig@tapr.org>; Wed, 23  
Oct 1996 20:50:23 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil  
(8.7.5/8.7.3) with SMTP id VAA24782 for <aprssig@tapr.org>; Wed, 23 Oct 1996  
21:55:29 -0400 (EDT)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Wed, 23 Oct 1996 21:55:29 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: 77d and saving..  
Message-ID: <Pine.GS0.3.95.961023215236.24723A-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK, everyone was right, the problem with saving digipaths is more than I thought. Some places I changed the number of paths to 11 and then back to 12. Not all of them got changed back to 12, so there will be confusion.

Before I issue another version. Did I properly FIX everything else in the NEWNOTES.txt file? Someone says the BText from remote WX sites is still overwriting the WX data... Is this true?

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Wed Oct 23 20:52:23 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA18580 for <aprssig@tapr.org>; Wed, 23  
Oct 1996 20:52:21 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil  
(8.7.5/8.7.3) with SMTP id VAA24815 for <aprssig@tapr.org>; Wed, 23 Oct 1996  
21:57:27 -0400 (EDT)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Wed, 23 Oct 1996 21:57:26 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Boat cruise down atlantic  
Message-ID: <Pine.GS0.3.95.961023215541.24723B-1000000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

AA3NM just reported he traveled the intercoastal from Annapolis to South Carolina. He had a stand alone tracker, but the family lost him just south of Patuxent river. Anyone in Norfolk or NC or SC see him? He needs some feedback...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From dkaplan@pionet.net Wed Oct 23 22:08:34 1996  
Received: from ELWOOD.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA22322 for <aprssig@tapr.org>; Wed, 23 Oct 1996 22:08:32 -0500 (CDT)  
Received: from pm3\_190.pionet.net by ELWOOD.pionet.net; (5.65v3.0/1.1.8.2/03Oct95-1046AM)  
id AA12908; Wed, 23 Oct 1996 22:18:08 -0500  
Date: Wed, 23 Oct 1996 22:18:08 -0500  
Message-Id: <9610240318.AA12908@ELWOOD.pionet.net>  
X-Sender: dkaplan@elwood.pionet.net  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: Dave Kaplan <dkaplan@pionet.net>  
Subject: WBOWNX-7

WBOWNX-7 Mojave Mobile has been active the last week. Last week there was a trip from Sioux City (SUX) to Kansas City International (MCI) and back. Two days later there was a trip from SUX to Columbia, MO and back. Yesterday a trip from SUX to Kansas City Downtown (MKC) landing during a blizzard that dropped 7.5 inches of snow at the airport (IN KANSAS CITY!?). Tomorrow SUX to Chicago and back departing SUX about 0830L. I would appreciate and and all track recorded to be E-Mailed to me for future demonstration purposes. Oh yes, plan on going to Minneapolis (St. Paul Downtown airport) for the Minnesota Hamfest this weekend.

Dave  
WBOWNX-7 Mojave Mobile

From wtb@partyline.org Wed Oct 23 22:28:27 1996  
Received: from stl-online.net (ns1.stl-online.net [199.217.152.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA23155 for <aprssig@tapr.org>; Wed, 23 Oct 1996 22:28:26 -0500 (CDT)  
From: wtb@partyline.org  
Received: by partyline.org  
id 0VHNZ005 Wed, 23 Oct 96 22:24:58  
Message-ID: <9610232224.0VHNZ00@partyline.org>

Organization: Party Line Entertainment Network  
X-Mailer: TBBS/TIGER v1.0  
Date: Wed, 23 Oct 96 22:24:58  
Subject: aprs77d  
To: aprssig@tapr.org

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From ku0g@sprynet.com Wed Oct 23 22:40:55 1996  
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id WAA23668 for <aprssig@tapr.org>; Wed, 23 Oct 1996  
22:40:53 -0500 (CDT)  
Received: from JIMDUNCA (TS2-P56.WWI.NET [204.153.64.156]) by m1.sprynet.com  
(8.6.12/8.6.12) with SMTP id UAA00654 for <aprssig@tapr.org>; Wed, 23 Oct 1996  
20:40:46 -0700  
Date: Wed, 23 Oct 1996 20:40:46 -0700  
Message-Id: <199610240340.UAA00654@m1.sprynet.com>  
X-Sender: ku0g@m1.sprynet.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: James Duncan <ku0g@sprynet.com>  
Subject: Re: [APRSSIG:5791] 77d and saving..

At 20:52 10/23/96 -0500, you wrote:  
Someone says the BText from remote WX sites is still  
>overwriting the WX data... Is this true?  
>

Yes, That's correct...It is still broke...  
73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@sprynet.com

From kb8ast@mwwweb.com Wed Oct 23 22:44:35 1996  
Received: from mwwweb.com (LanMan\_@RUSH.MWWEB.COM [207.50.157.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id WAA23741 for <aprssig@tapr.org>; Wed, 23 Oct 1996  
22:44:34 -0500 (CDT)

Received: by mwwweb.com from localhost  
(router,SLmailNT V2.0); Wed, 23 Oct 1996 23:48:29 Eastern Daylight Time  
Received: by mwwweb.com from kb8ast.mwwweb.com  
(207.50.157.40::mail daemon; unverified,SLmailNT V2.0); Wed, 23 Oct 1996  
23:48:28 Eastern Daylight Time  
Message-ID: <MAPI.Id.0016.00623861737420203030303630303036@MAPI.to.RFC822>  
In-Reply-To: <1.5.4.16.19961023113154.24371428@mailhost.primenet.com>

References: Conversation <1.5.4.16.19961023113154.24371428@mailhost.primenet.com>  
with last message <1.5.4.16.19961023113154.24371428@mailhost.primenet.com>  
Read-Receipt-To: Bob Merchant <kb8ast@mwwweb.com>  
Priority: Normal  
To: aprssig@tapr.org  
MIME-Version: 1.0  
From: "KB8AST" <kb8ast@mwwweb.com>  
Subject: [APRSSIG:5782] Re: new AZ wide  
Date: Wed, 23 Oct 96 23:38:59 PDT  
Content-Type: text/plain; charset=US-ASCII; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: 7bit

Interesting string, it started talking about the new AZ wide, and the last message I read was talking about TVI. Sounds like someone has a missing ground or leaky shield in their local cable tv network. And the new tv's usually have cheap or non existant shielding, and can be penetrated by a 5 watt cb just as easily as a gallon 2 mtr rig.

GRIDSQ --- EN91kr

May you have the pleasure of participating in a challenging existence..  
73 from G. R. (Bob) Merchant in Perry Twp, Lake County, Ohio

Packet --- kb8ast.#neoh.oh.usa.na  
ampr.org --- kb8ast@geaugasw.ampr.org  
TCP/IP --- kb8ast.ampr.org [44.70.248.17]  
                  neswch.ampr.org [44.70.248.18]  
INTERNET --- KB8AST@www.mwwweb.com  
APRS --- TAWG OH60  
PUBLIC ACCESS LANDLINK --- 216-259-5612

From X400Postmaster@resonet.com Wed Oct 23 23:22:06 1996  
Received: from gw.resonet.com (resonet.com [199.243.226.10]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id XAA25660 for <aprssig@tapr.org>; Wed, 23 Oct 1996  
23:21:58 -0500 (CDT)  
Received: by gw.resonet.com (5.65v3.2/DEC-Ultrix/4.3)  
id AA24847; Thu, 24 Oct 1996 00:28:08 -0400  
X400-Received: by mta MTA-1 in /ADMD=TELECOM.CANADA/C=CA/;  
Relayed; 24 Oct 1996 04:28:08 +0000  
X400-Received: by /ADMD=TELECOM.CANADA/C=CA/;  
converted (IA5-Text);  
Relayed; 24 Oct 1996 04:21:00 +0000  
From: "X.400\_Mail\_Gateway" <X400Postmaster@resonet.com>  
To: aprssig@tapr.org  
Subject: Delivery-Report (failure) for  
/DD.ID=john.langtry/0=RESONET/ADMD=TELECOM.CANADA/C=CA/@resonet.com  
Message-Type: Delivery Report  
X400-Mts-Identifier: [/ADMD=TELECOM.CANADA/C=CA/;ONGA-5172-3900]  
Date: 24 Oct 1996 04:21:00 +0000

Message-Id: </ADMD=TELECOM.CANADA/C=CA/;ONGA-5172-3900@resonet.com>

X400-Content-Identifier: (91)APRSSIG:5...

Mime-Version: 1.0

Content-Type: multipart/report; report-type=delivery-status;  
boundary="Thu Oct 24 00:28:08 1996 L1 79"

--Thu Oct 24 00:28:08 1996 L1 79

This report relates to your message: (91)APRSSIG:5...

Your message was not delivered to:

/DD.ID=john.langtry/O=RESONET/ADMD=TELECOM.CANADA/C=CA/@resonet.com

for the following reason:

Transfer could not be initiated

An invalid message parameter was encountered

The Original Message is not available

--Thu Oct 24 00:28:08 1996 L1 79

content-type: message-delivery-status

Reporting-MTA: x400; mta MTA-1 in /PRMD=(null)/ADMD=TELECOM.CANADA/C=CA

Arrival-Date: 24 Oct 1996 04:21:00 +0000

DSN-Gateway: dns; resonet.com

X400-Conversion-Date: 24 Oct 1996 00:28:08 -0400

Original-Envelope-Id:

[/PRMD=RESONET/ADMD=telecom.canada/C=ca/;<9610232224.0VHNZ00@partyline.or]

X400-Content-Identifier: (91)APRSSIG:5...

X400-Content-Type: P2-1984 (2)

Original-Recipient: rfc822; /DD.ID=john.langtry/O=RESONET/ADMD=TELECOM.CANADA/  
C=CA/@resonet.com

Final-Recipient: x400; /DD.ID=john.langtry/O=RESONET/ADMD=TELECOM.CANADA/C=CA/

Action: failure

Status: 5.5.2

Diagnostic-Code: x400; 1 (Unable-To-Transfer) / 11 (Invalid-Parameters)

X400-Last-Trace: 24 Oct 1996 04:21:00 +0000

X400-Originally-Specified-Recipient-Number: 1

--Thu Oct 24 00:28:08 1996 L1 79--

From ku0g@sprynet.com Wed Oct 23 23:30:32 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id XAA25866 for <aprssid@tapr.org>; Wed, 23 Oct 1996  
23:30:30 -0500 (CDT)

Received: from JIMDUNCA (TS2-P56.WWI.NET [204.153.64.156]) by m1.sprynet.com  
(8.6.12/8.6.12) with SMTP id VAA12293 for <aprssid@tapr.org>; Wed, 23 Oct 1996  
21:30:17 -0700

Date: Wed, 23 Oct 1996 21:30:17 -0700

Message-Id: <199610240430.VAA12293@m1.sprynet.com>

X-Sender: ku0g@m1.sprynet.com

X-Mailer: Windows Eudora Light Version 1.5.2



Wish I'd have know you were coming, Dave! Sure looking forward to a ride in that Mojave!!!!

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: [ku0g@sprynet.com](mailto:ku0g@sprynet.com)

At 09:02 PM 10/23/96 -0500, Bob Bruninga wrote:  
>AA3NM just reported he traveled the intercoastal from Annapolis to  
>SouthCarolina. He had a stand alone tracker, but the family lost him just  
>south of Patuxent river. ANYone in Norfolk or NC or SC see him? He needs  
>some feedback...

..Jim - N4WFP

From sparkfel@primenet.com Thu Oct 24 01:07:44 1996  
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA06155 for <aprssig@tapr.org>; Thu, 24  
Oct 1996 01:07:41 -0500 (CDT)

Received: from ip-21-138.phx.primenet.com (ip-21-138.phx.primenet.com [206.165.21.138]) by primenet.com (8.8.2/8.8.2) with SMTP id XAA23634; Wed, 23 Oct 1996 23:07:37 -0700 (MST)  
Date: Wed, 23 Oct 1996 23:07:37 -0700 (MST)  
Message-Id: <1.5.4.16.19961023230738.2fff0a5e@mailhost.primenet.com>  
X-Sender: sparkfel@mailhost.primenet.com  
X-Mailer: Windows Eudora Light Version 1.5.4 (16)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org, aprssig@tapr.org  
From: Mark Fellhauer <sparkfel@primenet.com>  
Subject: Re: [APRSSIG:5780] Re: newbie help

At 01:17 PM 10/23/96 -0500, John M Dombkowski wrote:

>  
>Hi Mark  
>  
>Perhaps I should appologize for sending a one liner as they always seem  
>to generate a negative response. In my opinion one should duplicate  
>their elmers setup to reduce the learning curve. Also I was just  
>offering an altenative to the KPC-3 as the conversation was seemingly  
>focused on standard command sets. The Tiny-II meets the criteria being  
>discussed and has the standard command set. Also if you have a local ham  
>dealer you are probably in the minority as most of us pick up the phone  
>to get anything new in ham gear. Again my intention was NOT to throw you  
>off or piss you off! Hind sight being 20-20 I can see how my one liner  
>could be perceived as a "speer" which was not my intention.  
>  
>73  
>  
>John  
>

Not a problem.

73,

Mark  
KC7BXS

From sparkfel@primenet.com Thu Oct 24 01:25:45 1996  
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA06937 for <aprssig@tapr.org>; Thu, 24 Oct 1996 01:25:41 -0500 (CDT)  
Received: from ip-21-138.phx.primenet.com (ip-21-138.phx.primenet.com [206.165.21.138]) by primenet.com (8.8.2/8.8.2) with SMTP id XAA27865; Wed, 23 Oct 1996 23:25:36 -0700 (MST)  
Date: Wed, 23 Oct 1996 23:25:36 -0700 (MST)  
Message-Id: <1.5.4.16.19961023232538.2e174e8e@mailhost.primenet.com>  
X-Sender: sparkfel@mailhost.primenet.com  
X-Mailer: Windows Eudora Light Version 1.5.4 (16)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org, aprssig@tapr.org  
From: Mark Fellhauer <sparkfel@primenet.com>  
Subject: Re: [APRSSIG:5787] Re: new AZ wide

At 03:58 PM 10/23/96 -0500, ap rs wrote:

>That is feasible. Remember that CATV uses part of our 2 meter, 220, and  
>440 spectrum. If there is a cable leak, 2 meters WILL wipe out channel  
>18 at least. An old CATV axiom: "Where there is egress there is also  
>ingress".  
>

Especially, when you're dealing with Dimension Cable (Now COX).  
I can watch cable on my TV not connected to the cable!  
And now they're trying to sell internet access via cable modem and want to  
get into the telephone market.  
Great, I'll lose my phones and internet access every time it rains or the  
wind blows, just like the cable TV.

They actually told me their equipment was maxed out at 50 channels which is  
why we can't get any of the newer cable channels. (g)

They also told me that the ghosting through the cable was caused by nearby  
TV transmitters, but I stood and watched the cable repair woman turn the  
gain down after she peaked my set. She was in the service closet of my  
condo complex replacing a splitter and the picture got very good and the MTS  
stereo popped on (on channels I never get in stereo). She then backed the  
gain down, so the local channels come in ghosting. And then she denied it!  
How stupid do they think I am! I'd go DBS if we didn't have 3 TV's hooked  
to the cable. I might get one anyway, when systems drop to under \$200 (with  
no rebate).

Oh well, back to APRS.

Mark

From sparkfel@primenet.com Thu Oct 24 01:30:52 1996  
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA07092 for <aprssig@tapr.org>; Thu, 24  
Oct 1996 01:30:51 -0500 (CDT)  
Received: from ip-21-138.phx.primenet.com (ip-21-138.phx.primenet.com  
[206.165.21.138]) by primenet.com (8.8.2/8.8.2) with SMTP id XAA28864; Wed, 23 Oct  
1996 23:30:46 -0700 (MST)  
Date: Wed, 23 Oct 1996 23:30:46 -0700 (MST)  
Message-Id: <1.5.4.16.19961023233049.2e17d6d0@mailhost.primenet.com>  
X-Sender: sparkfel@mailhost.primenet.com  
X-Mailer: Windows Eudora Light Version 1.5.4 (16)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org, aprssig@tapr.org  
From: Mark Fellhauer <sparkfel@primenet.com>  
Subject: Re: [APRSSIG:5790] Re: new AZ wide

At 08:09 PM 10/23/96 -0500, Foor, Joe wrote:

>Scoped? As in Oscilloscope? That won't tell you much at those  
>frequencies. If you are clipping your RF signal, you will be generating  
>odd harmonics. The "O"scope won't display the waveform distortion on a  
>2M frequency, unless the "O"scope is good for at least 450Mhz. Even then,  
>you won't see the clipping, but you will see some distortion of the  
>waveform. To actually see the clipping, you should be using an "O"scope  
>with a bandwidth of at least 10 times the frequency you are looking at  
>(for 2M that means a bandwidth of 1,500Mhz). That's why I suggested a  
>spectrum analyzer.

I meant that in the generic sense. The ARA has a spectrum analyzer that they set up at hamfests.

>  
>Admittedly, the fault may not be in his radio. But it is the easiest  
>thing to check out. So, logically, it should be eliminated before  
>progressing to other checks.  
>

It's the cable.

Mark

From sparkfel@primenet.com Thu Oct 24 01:45:14 1996  
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA07672 for <aprssig@tapr.org>; Thu, 24  
Oct 1996 01:45:12 -0500 (CDT)  
Received: from ip-21-138.phx.primenet.com (ip-21-138.phx.primenet.com  
[206.165.21.138]) by primenet.com (8.8.2/8.8.2) with SMTP id XAA01669; Wed, 23 Oct  
1996 23:45:08 -0700 (MST)  
Date: Wed, 23 Oct 1996 23:45:08 -0700 (MST)  
Message-Id: <1.5.4.16.19961023234510.2e17e912@mailhost.primenet.com>  
X-Sender: sparkfel@mailhost.primenet.com  
X-Mailer: Windows Eudora Light Version 1.5.4 (16)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org, aprssig@tapr.org  
From: Mark Fellhauer <sparkfel@primenet.com>  
Subject: Re: [APRSSIG:5796] Re: new AZ wide

At 10:49 PM 10/23/96 -0500, KB8AST wrote:

>Interesting string, it started talking about the new AZ wide, and  
>the last message I read was talking about TVI. Sounds like someone  
>has a missing ground or leaky shield in their local cable tv network.  
>And the new tv's usually have cheap or non existant shielding, and  
>can be penetrated by a 5 watt cb just as easily as a gallon 2 mtr  
>rig.

Yup.

>

>May you have the pleasure of participating in a challenging existence..

>73 from G. R. (Bob) Merchant in Perry Twp, Lake County, Ohio

>

Betcha it's getting a little cold on Lake Erie this time of year. That's why I moved out here 12 years ago.

73 from Mark Fellhauer formerly from Perrysburg, Wood County, Ohio (The west side of Lake Erie) now in sunny Glendale, AZ. (g)

From james-m@ix.netcom.com Thu Oct 24 01:45:21 1996

Received: from dfw-ix11.ix.netcom.com (dfw-ix11.ix.netcom.com [206.214.98.11]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id BAA07689 for <aprssig@tapr.org>; Thu, 24 Oct 1996 01:45:19 -0500 (CDT)

Received: from acerp (sav-ga1-12.ix.netcom.com [205.184.8.44]) by dfw-ix11.ix.netcom.com (8.6.13/8.6.12) with SMTP id XAA16514 for <aprssig@tapr.org>; Wed, 23 Oct 1996 23:44:47 -0700

Message-ID: <326F1062.5D06@ix.netcom.com>

Date: Thu, 24 Oct 1996 02:44:50 -0400

From: Don Murray AE4BR <james-m@ix.netcom.com>

Organization: Amateur Radio Club of Savannah "Rogue" VE Team

X-Mailer: Mozilla 3.01b1Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5776] Re: newbie help

References: <1.5.4.16.19961023100117.1f17a6e2@mailhost.primenet.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I agree with Mark on this.. I own two KPC-3s and plan on buying another. they are great little TNCs and are easy to setup and use..

Actually thinking of trying out the paging functions on the Kantronics 9612 TNC

AE4BR

Don

Mark D. Fellhauer wrote:

>

> At 09:01 AM 10/23/96 -0500, John M Dombkowski wrote:

>

> >Ever Heard of the Paccomm Tiny-II?

>

> Yes, I have.

>

> Remember, another person asked for suggestions. Most of the responses I've  
> seen have been made to me, and not any helpful hints to a new user of APRS  
> (which is what started this). Perhaps you might like to offer an opinion as  
> to why the PacComm would be a better choice than a KPC-3.

>  
> PacComm TNC's are not as common as the KPC-3, and it might be harder to find  
> a local elmer who knows much about them. They are not carried by any Ham  
> Radio Stores that I've been to. No local purchase access is a downside, IMHO.  
>  
> One feature I forgot to mention is that the KPC-3 has a remote sysop  
> function which allows one to alter the TNC's settings by radio. This is a  
> very helpful feature when using and setting up APRS, especially in mobile  
> trackers. PacComm does not offer this.  
>  
> To recap, the KPC-3 offers many positive traits to any user of APRS.  
>  
> -Low cost  
> -Good local availability  
> -Many in use  
> -Accepts a wide variation in input voltage  
> -Immune to line noise and power fluctuations  
> -Very Low power consumption, can run for hours on a 9 volt battery  
> -Easy to set up for use with a GPS unit  
> -Interfaces with a GPS unit unbuffered  
> -parses time into its internal clock via GPS  
> -Remote sysop  
> -small physical size  
> -low weight  
> -On-line help  
> -reliable  
> -easy to wire up to transceiver  
> -no deviation settings to mess with, it just works  
>  
> All of these features make it a very good choice for APRS.  
>  
> 73,  
>  
> Mark Fellhauer  
> KC7BXS

From ke4htm@bluenet.net Thu Oct 24 02:38:42 1996  
Received: from prophet.bluenet.net (prophet.bluenet.net [205.244.98.3]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id CAA09741 for <aprssig@tapr.org>; Thu, 24  
Oct 1996 02:38:40 -0500 (CDT)  
Received: from ke4htm.bluenet.net by prophet.bluenet.net via SMTP  
(940816.SGI.8.6.9/940406.SGI)  
for <aprssig@tapr.org> id DAA20773; Thu, 24 Oct 1996 03:24:11 -0700  
Message-Id: <2.2.32.19961024073838.00683e38@bluenet.net>  
X-Sender: ke4htm@bluenet.net  
X-Mailer: Windows Eudora Pro Version 2.2 (32)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Thu, 24 Oct 1996 03:38:38 -0400  
To: aprssig@tapr.org  
From: "Jamie R. Dean" <ke4htm@bluenet.net>  
Subject: Wide Command

I'm running APRS 7.7d and just notice that when I press ALT-S the wide command is missing? Where is this command?? We in this area use it once in a while for testing and such. Any Help?

Jamie-KE4HTM

```
+-----+
|               Jamie R. Dean               |
| Amateur Radio Call: KE4HTM                 |
| Internet E-Mail....: ke4htm@bluenet.net    |
| APRS Page.....: http://www.bluenet.net/ke4htm |
| Drop Your Bombs...: 35 45.39N   081 40.34W   |
+-----+
```

From jratchf@bulldog.afsc.k12.ar.us Thu Oct 24 08:58:07 1996  
Received: from bulldog.afsc.k12.ar.us (root@[170.211.157.174]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id IAA19452 for <aprssig@tapr.org>; Thu, 24 Oct 1996  
08:58:03 -0500 (CDT)  
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id  
HAA21773; Thu, 24 Oct 1996 07:34:17 -0500  
Date: Thu, 24 Oct 1996 07:34:17 -0500 (CDT)  
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>  
To: aprssig@tapr.org  
cc: aprssig@tapr.org  
Subject: Re: [APRSSIG:5787] Re: new AZ wide  
In-Reply-To: <19961023.143303.8774.7.aprs@juno.com>  
Message-ID: <Pine.LNX.3.91.961024072859.21661A-100000@bulldog.afsc.k12.ar.us>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Frequencies in use by cable companies:

Chan 18 Broadcast-495.25 Cable STD-145.25 Cable HRC-144.00 Cable IRC-145.15

If you ever want to see how leaky the system is around you, tune to 145.25 (works best). I used this freq with APRS/GPS/DFjr setup to show the cable maintenance manager where his leaks were. Didn't make him mad either! The guy calls me regularly to see if I have found any leaks lately. Small town.

On Wed, 23 Oct 1996, ap rs wrote:

```
> That is feasible. Remember that CATV uses part of our 2 meter, 220, and
> 440 spectrum. If there is a cable leak, 2 meters WILL wipe out channel
> 18 at least. An old CATV axiom: "Where there is egress there is also
> ingress".
>
> Actually, it may wipe out channel 18 without a leak, if he's close
> enough. The problem is that of the CATV company, and the owners of the
> poorly shielded TV, but try telling that to an irate neighbor.
>
```

> He said CABLE TV. You said you have an antenna. You are not watching  
> CATV 18 if you have an antenna, I believe.  
>  
> Ralph  
> rwf@mindspring.com  
>  
>  
>  
>  
>  
> On Wed, 23 Oct 1996 12:03:36 -0500 (CDT) joefoor@digitalexp.com (Foor,  
> Joe) writes:  
> >A 100 ft radius??? You better check that radio with a spectrum  
> >analyzer,  
> >before using it again. I can rotate my beam around and point it  
> >directly  
> >at my TV antenna, hitting it with 200W ERP (at about thirty feet  
> >distant) and still not get any interference at all.  
> >  
>

From sproul@ap.org Thu Oct 24 09:02:07 1996  
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)  
with SMTP id JAA19503 for <aprssig@tapr.org>; Thu, 24 Oct 1996 09:02:05 -0500  
(CDT)  
Received: from [165.1.27.171] by janus.ap.org (SMI-8.6/SMI-SVR4)  
id JAA28783; Thu, 24 Oct 1996 09:56:17 -0400  
X-Sender: sproul@165.1.6.1  
Message-Id: <v03007800ae9521a61fe5@[165.1.27.171]>  
In-Reply-To: <9610240318.AA12908@ELWOOD.pionet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Thu, 24 Oct 1996 09:49:16 -0400  
To: aprssig@tapr.org  
From: Mark Sproul <sproul@ap.org>  
Subject: WinAPRS and HSP

To all WinAPRS users

I FINALLY have HSP working. I will be releasing version 1.1.6 by the end  
of the weekend.

Currently it works on Windows95 ONLY.

The first release will contain new versions of the Serial32.dll and  
SerThunk.dll.

I do not have the Win 3.1 DLL working with DTR yet. Once that is finished,  
it will be a simple matter of getting new version of Serial16.dll.

I have been testing with a PacCom HSP cable, currently HSP is switched for  
4 seconds out of each minute. User settable rates will not be available in  
this first release. I do not know how important it is to have user



settable rates so if you have any thoughts on this, let me know.

Now that my NUMBER ONE PRIORITY is almost completed I will have a chance to first take a breath and a sigh of relief. Then I will get on to other enhancements and additions.

Thanks for all of your support and patience

Mark Sproul

---

|                                 |                       |
|---------------------------------|-----------------------|
| Mark Sproul                     | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press |                       |
| sproul@ap.org                   | Work: 609-860-7120    |
| North Brunswick, NJ             | Fax: 609-860-7129     |
| http://msproul.rutgers.edu/     |                       |

---

From jagrelo@cris.com Thu Oct 24 10:20:18 1996  
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA22473 for <aprssig@tapr.org>; Thu, 24 Oct 1996 10:20:14 -0500 (CDT)  
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])  
by tribune.concentric.net (8.7.5/(96/10/22 1.9))  
id LAA05499; Thu, 24 Oct 1996 11:20:09 -0400 (EDT)  
[1-800-745-2747 The Concentric Network]  
Errors-To: <jagrelo@cris.com>  
Received: from crc3.pop3.net (cnc059055.concentric.net [206.83.77.55])  
by cliff.cris.com (8.8.0)  
id LAA15073; Thu, 24 Oct 1996 11:20:07 -0400 (EDT)  
Message-ID: <326FB482.6ACF@cris.com>  
Date: Thu, 24 Oct 1996 11:25:06 -0700  
From: Joe Agrelo <jagrelo@cris.com>  
Reply-To: jagrelo@cris.com  
Organization: Agrelo Engineering  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5807] WinAPRS and HSP  
References: <v03007800ae9521a61fe5@[165.1.27.171]>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mark Sproul wrote:

> I FINALLY have HSP working. I will be releasing version 1.1.6 by the end  
> of the weekend.

Congratulations Mark!

> Now that my NUMBER ONE PRIORITY is almost completed I will have a chance to

> first take a breath and a sigh of relief. Then I will get on to other  
> enhancements and additions.

Aaahhhhh....

73 De Joe N200C (new address & phone effective 8/15)  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Agrelo Engineering  
Joe Agrelo/President  
P.O.Box 231 Pattersonville, NY 12137 USA  
ph (518)864-7551 effective 8/15  
fax (518)864-7553 " "  
mailto:Jagrelo@cris.com  
WEB: http://home.navisoft.com/agrelo/ae.htm  
Designer & Manufacturer of intelligent microprocessor  
based Doppler, talking products and RF.  
Experts in Microchip & Motorola processors  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

From paul@tech.cyclades.com Thu Oct 24 11:02:36 1996  
Received: from tech.cyclades.com (root@tech.cyclades.com [208.138.19.34]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA23592 for <aprssig@tapr.org>; Thu, 24  
Oct 1996 11:02:32 -0500 (CDT)  
Received: from localhost by tech.cyclades.com  
with smtp id m0vGSEj-0006MsC  
(Debian /\oo/\ Smail3.1.29.1 #29.37); Thu, 24 Oct 96 09:02 PDT  
Date: Thu, 24 Oct 1996 09:02:25 -0700 (PDT)  
From: Paul Christenson <paul@tech.cyclades.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5790] Re: new AZ wide  
In-Reply-To: <19961024010251074.AAA196@dial-23.marianna.fl.digitalexp.com>  
Message-ID: <Pine.LNX.3.95.961024082945.1544A-1000000@tech.cyclades.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 23 Oct 1996, Foor, Joe wrote:

> You are right there, Ralph. The cable doesn't come within four miles of  
> my home. However, Mark said that he was causing interference which would  
> "wipe out the cable". This doesn't sound like a single shared frequency  
> problem.

True. However, that's not the usual way that CATVI works.

CATVI usually happens through physical damage to the system, usually  
caused by people trying to steal cable. This allows signals to get into  
the system.

Since the amplitude of the 2m signal is huge, compared to the regular  
cable signal, and in the passband, it drives the amplifier to clipping.  
It's this overloading of the amps that usually cause the entire system to  
be affected.

Basically, it's simply "front end overload".

From kjm@deltanet.com Thu Oct 24 12:00:01 1996  
Received: from mail1.deltanet.com (mail.deltanet.com [199.171.190.55]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA25977 for <aprssig@tapr.org>; Thu, 24 Oct 1996 11:59:59 -0500 (CDT)  
Received: from local.host (delta1.deltanet.com [199.171.190.3]) by mail1.deltanet.com (8.7.4/8.7.3) with ESMTP id JAA08243 for <aprssig@tapr.org>; Thu, 24 Oct 1996 09:59:42 -0700 (PDT)  
Message-Id: <199610241659.JAA08243@mail1.deltanet.com>  
From: "Ken Mirabella" <kjm@deltanet.com>  
To: <aprssig@tapr.org>  
Subject: Need maps - Orange County, CA  
Date: Thu, 24 Oct 1996 09:57:15 -0700  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Greetings Sig:

Orange County RACES is planning to use APRS in Orange County the night of the elections to track a few vans carrying ballot information. This is a test only.

Unfortunately we do not have adequate street maps for Orange County, CA for us to demonstrate APRS capabilities.

Therefore, we are putting out a request for any street level Orange County maps that may be in the system. We have Cala, and Social but they only show the major highways in LA. There must be someone out there that has made more detailed maps?????????

We have a lot of CD-ROM's with detailed street maps, but until Mark & Keith Sproul release their conversion program we feel we are out of luck.

Any ideas or maps??

Thanks to all that reply.

KM6YH,  
County of Orange RACES

From sproul@ap.org Thu Oct 24 13:55:25 1996  
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA00166 for <aprssig@tapr.org>; Thu, 24 Oct 1996 13:55:23 -0500 (CDT)  
Received: from [165.1.27.171] by janus.ap.org (SMI-8.6/SMI-SVR4) id OAA14229; Thu, 24 Oct 1996 14:49:43 -0400  
X-Sender: sproul@165.1.6.1  
Message-Id: <v03007807ae95660730c8@[165.1.27.171]>

In-Reply-To: <199610241659.JAA08243@mail1.deltanet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Thu, 24 Oct 1996 14:30:38 -0400  
To: aprssig@tapr.org  
From: Mark Sproul <sproul@ap.org>  
Subject: Re: [APRSSIG:5810] Need maps - Orange County, CA  
Cc: kjm@deltanet.com

>Greetings Sig:

>

>Orange County RACES is planning to use APRS in Orange County the night of  
>the elections to track a few vans carrying ballot information. This is a  
>test only.

>

>Unfortunately we do not have adequate street maps for Orange County, CA  
>for us to demonstrate APRS capabilities.

>

>Therefore, we are putting out a request for any street level Orange County  
>maps that may be in the system. We have Cala, and Socal but they only show  
>the major highways in LA. There must be someone out there that has made  
>more detailed maps????????

>

>We have a lot of CD-ROM's with detailed street maps, but until Mark & Keith  
>Sproul release their conversion program we feel we are out of luck.

>

We can generate the maps for the area that you need, give us the lat lon of  
the area(s) and we will generate them. (They will be WinAPRS/MacAPRS only  
and wont work on dosAPRS

Mark

---

|                                                                       |                       |
|-----------------------------------------------------------------------|-----------------------|
| Mark Sproul                                                           | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press                                       |                       |
| sproul@ap.org                                                         | Work: 609-860-7120    |
| North Brunswick, NJ                                                   | Fax: 609-860-7129     |
| <a href="http://msproul.rutgers.edu/">http://msproul.rutgers.edu/</a> |                       |

---

From greg@clubnet.net Thu Oct 24 15:01:13 1996  
Received: from www.clubnet.net (www.clubnet.net [206.126.128.4]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id PAA02536 for <aprssig@tapr.org>; Thu, 24 Oct 1996  
15:01:10 -0500 (CDT)  
Received: from [129.172.179.56] by www.clubnet.net  
with SMTP (Apple Internet Mail Server 1.1.1); Thu, 24 Oct 1996 13:04:27 -0700  
Subject: Re: [APRSSIG:5810] Need maps - Orange County, CA  
Date: Thu, 24 Oct 96 13:01:29 -0700  
x-sender: greg@www.clubnet.net  
x-mailer: Claris EMailer 1.1

From: Greg Noneman <greg@clubnet.net>  
To: <aprssig@tapr.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Message-ID: <1365960229-61609280@www.clubnet.net>

Ken,

I can, and have created APRS street level maps of Orange County based on USGS 100k maps. What particular area(s) of OC do you need?

One thing to consider though is that the USGS source CDs are somewhat dated. I estimate that some of the data is no more recent than the late 70's. Hopefully the streets you are interested in have been around a while.

Greg  
WB6ZSU

From jratchf@bulldog.afsc.k12.ar.us Thu Oct 24 15:17:37 1996  
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA03079 for <aprssig@tapr.org>; Thu, 24 Oct 1996 15:17:33 -0500 (CDT)  
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id PAA02158; Thu, 24 Oct 1996 15:17:25 -0500  
Date: Thu, 24 Oct 1996 15:17:25 -0500 (CDT)  
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>  
To: aprssig@tapr.org  
cc: aprssig@tapr.org  
Subject: Re: [APRSSIG:5804] Re: newbie help  
In-Reply-To: <326F1062.5D06@ix.netcom.com>  
Message-ID: <Pine.LNX.3.91.961024151516.2048A-1000000@bulldog.afsc.k12.ar.us>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just bouaght a 9612 and it's nice! The paging functions look interesting if there is a local interest. Would come in handy for ARES/RACES personel notification. Or a backup to some other system. Any APRS functions that you can think of?

On Thu, 24 Oct 1996, Don Murray AE4BR wrote:

> I agree with Mark on this.. I own two KPC-3s and plan on buying another.  
> they are great little TNCs and are easy to setup and use..  
>  
> Actually thinking of trying out the paging functions on the Kantronics  
> 9612 TNC  
>  
> AE4BR  
> Don

>  
> Mark D. Fellhauer wrote:  
> >  
> > At 09:01 AM 10/23/96 -0500, John M Dombkowski wrote:  
> >  
> > >Ever Heard of the Paccomm Tiny-II?  
> >  
> > Yes, I have.  
> >  
> > Remember, another person asked for suggestions. Most of the responses I've  
> > seen have been made to me, and not any helpful hints to a new user of APRS  
> > (which is what started this). Perhaps you might like to offer an opinion as  
> > to why the PacComm would be a better choice than a KPC-3.  
> >  
> > PacComm TNC's are not as common as the KPC-3, and it might be harder to find  
> > a local elmer who knows much about them. They are not carried by any Ham  
> > Radio Stores that I've been to. No local purchase access is a downside, IMHO.  
> >  
> > One feature I forgot to mention is that the KPC-3 has a remote sysop  
> > function which allows one to alter the TNC's settings by radio. This is a  
> > very helpful feature when using and setting up APRS, especially in mobile  
> > trackers. PacComm does not offer this.  
> >  
> > To recap, the KPC-3 offers many postive traits to any user of APRS.  
> >  
> > -Low cost  
> > -Good local availability  
> > -Many in use  
> > -Accepts a wide variation in input voltage  
> > -Immune to line noise and power fluctuations  
> > -Very Low power consumption, can run for hours on a 9 volt battery  
> > -Easy to set up for use with a GPS unit  
> > -Interfaces with a GPS unit unbuffered  
> > -parses time into its internal clock via GPS  
> > -Remote sysop  
> > -small physical size  
> > -low weight  
> > -On-line help  
> > -reliable  
> > -easy to wire up to transceiver  
> > -no deviation settings to mess with, it just works  
> >  
> > All of these features make it a very good choice for APRS.  
> >  
> > 73,  
> >  
> > Mark Fellhauer  
> > KC7BXS  
>

From ldajz@epix.net Thu Oct 24 15:57:08 1996

Received: from epix.net (grape.epix.net [199.224.64.22]) by tapr.org

(8.7.5/8.7.3/1.9) with ESMTP id PAA04613 for <aprssig@tapr.org>; Thu, 24 Oct 1996

15:57:07 -0500 (CDT)  
Received: from 199.224.65.109 (clsm-65ppp109.epix.net [199.224.65.109]) by  
epix.net (8.7.6/8.7.5) with SMTP id QAA26862 for <aprssig@tapr.org>; Thu, 24 Oct  
1996 16:56:28 -0400 (EDT)  
Message-ID: <326FA1E0.27AF@epix.net>  
Date: Thu, 24 Oct 1996 17:05:36 +0000  
From: "Al and/or Lorie Z." <ldajz@epix.net>  
Reply-To: ldajz@epix.net  
Organization: UNQS: (Uhhh, not quite sure)  
X-Mailer: Mozilla 3.0 (Macintosh; I; 68K)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: KAM+ / APRS  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Howdy folks,

Will a KAM+ w/ a version 6.1 ROM work without a hitch as an APRS GATE?

AL, N3KAE

From bruninga@nadm.navy.mil Thu Oct 24 16:11:07 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA05139 for <aprssig@tapr.org>; Thu, 24  
Oct 1996 16:11:02 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil  
(8.7.5/8.7.3) with SMTP id RAA06162 for <aprssig@tapr.org>; Thu, 24 Oct 1996  
17:16:08 -0400 (EDT)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Thu, 24 Oct 1996 17:16:08 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5805] Wide Command  
In-Reply-To: <2.2.32.19961024073838.00683e38@bluenet.net>  
Message-ID: <Pine.GS0.3.95.961024171421.5948C-1000000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 24 Oct 1996, Jamie R. Dean wrote:

> I'm running APRS 7.7d and just notice that when I press ALT-S the wide  
> command is missing? Where is this command?? We in this area use it once in a  
> while for testing and such. Any Help?

APRSDOS REPLY/COMMENT: The WIDE command has been out of APRS for 6 months  
or so. Since every station, including a WIDE should also have the alias  
of RELAY, the only correct way to have a WIDE-RELAY is to use a TNC which  
can have 2 aliases. You can use the PACCOMM or the KPC-3. Just set one  
of the alternate aliases to WIDE. Then APRS will leave it alone...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Thu Oct 24 16:30:58 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA05857 for <aprssig@tapr.org>; Thu, 24 Oct 1996 16:30:56 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id RAA07378 for <aprssig@tapr.org>; Thu, 24 Oct 1996 17:36:03 -0400 (EDT)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Thu, 24 Oct 1996 17:36:03 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5810] Need maps - Orange County, CA  
In-Reply-To: <199610241659.JAA08243@mail1.deltanet.com>  
Message-ID: <Pine.GSO.3.95.961024173106.5948I-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 24 Oct 1996, Ken Mirabella wrote:

> Orange County RACES is planning to use APRS in Orange County the night of  
> the elections to track a few vans carrying ballot information.  
> Therefore, we are putting out a request for any street level Orange County  
> maps that may be in the system.

APRSDos REPLY/COMMENT: With the new MK100k3.exe you can make up to 200 or more APRSDos maps automatically by just entering the LAT/LONG of the area of interest using the USGS CD rom \$32.

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From n2iph@cyberenet.net Thu Oct 24 16:51:04 1996  
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA07125 for <aprssig@tapr.org>; Thu, 24 Oct 1996 16:51:03 -0500 (CDT)  
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp (Smail3.1.29.1 #7) id m0vGXg6-00005FC; Thu, 24 Oct 96 17:51 EDT  
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp (Smail3.1.29.1 #8) id m0vGXg4-00006FMC; Thu, 24 Oct 96 17:51 EDT  
Message-ID: <326FE38B.359C@cyberenet.net>  
Date: Thu, 24 Oct 1996 17:45:48 -0400  
From: Bob Derderian <n2iph@cyberenet.net>  
Reply-To: n2iph@cyberenet.net  
Organization: I&C  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: APRS dicussion group <aprssig@tapr.org>  
Subject: Altoona, PA activity?  
Content-Type: text/plain; charset=us-ascii



Content-Transfer-Encoding: 7bit

Hi All,

Anyone know if there is any activity in the Altoona, PA area. I know there is now N2CHV-2 on Blue Mtn in Harrisburg, and occasionally I would see a station marked as WIDE in Hagerstown, MD.

Is there any APRS activity in Pittsburg also? For anyone who might be in that vicinity please leave packet mail for no3a@w3syy. He's not on the 'net and as far as I know there is no gateway setup for w3syy as I've tried to send email to w3syy.ampr.org which got returned.

Anyways, Mike and a couple others are trying to get APRS started in Altoona, and are looking for others in the area who may already be running APRS or are interested too.

73...Bob

[www.cyberenet.net/~n2iph/frontpg.html](http://www.cyberenet.net/~n2iph/frontpg.html)

From b.gotshall@worldnet.att.net Thu Oct 24 17:44:51 1996  
Received: from mtigwc01.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA09319 for <aprssig@tapr.org>; Thu, 24 Oct 1996 17:44:49 -0500 (CDT)  
Received: from LOCALNAME ([199.70.197.208]) by mtigwc01.worldnet.att.net (post.office MTA v2.0 0613 ) with SMTP id AAA22495 for <aprssig@tapr.org>; Thu, 24 Oct 1996 22:27:44 +0000  
Message-ID: <326E3759.2B70@worldnet.att.net>  
Date: Wed, 23 Oct 1996 08:18:49 -0700  
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>  
X-Mailer: Mozilla 2.01E (Win16; I)  
MIME-Version: 1.0  
To: "aprssig@tapr.org" <aprssig@tapr.org>  
Subject: 77d Bug  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have noticed the problem with the O D S and have what appears to be a couple of others..

1. My saved maps (1,3,5 etc) were scrambled
2. The X B does not send. X P works!

One other problem, which might have been Operator error,(who me?) I renamed my CONFIG files to 77d. The APR extent ion seemed to work OK but the HF extension would not. I finally had to enter the program from scratch and save it.

Bud (WB4LTF)

From bruninga@nadm.navy.mil Thu Oct 24 18:30:46 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA11305 for <aprssig@tapr.org>; Thu, 24

Oct 1996 18:30:44 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil  
(8.7.5/8.7.3) with SMTP id TAA11769; Thu, 24 Oct 1996 19:35:43 -0400 (EDT)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs  
Date: Thu, 24 Oct 1996 19:35:43 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
X-Sender: bruninga@arctic  
To: KB8AST <kb8ast@mwwweb.com>  
cc: wb4gqk@amsat.org, aprssig@tapr.org  
Subject: Sailboats and APRS.  
In-Reply-To: <MAPI.Id.0016.00623861737420203030303630303036@MAPI.to.RFC822>  
Message-ID: <Pine.GS0.3.95.961024192732.11181A-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I will be adding a QRU command to APRS so that sailboaters can turn off their RECEIVERS as well as transmitters on long sails. At the Academy, we find that an SSB radio draws 1.7 amps on receive and the 286 laptop draws .3 for a total of 2 amps. Although the 100 amp hour batteries should last 2 days at this rate, most skippers are concerned. (Transmit current of 20 amps is insignificant since it is on less than 0.5% of the time).

With a QRU query packet, I can have the laptop turn OFF the HF between the 15 minute position periods. Then turn it on to send its beacon, posit and the QRU packet. Then it listens for 1 minute before turning off the HF again. Every station hearing the QRU packet will scan its MESSAGE list and if it has an outgoing packet for that station, it will send it. This way, the sailboat will still RECEIVE traffic, even though his receiver is OFF 92% of the time! This reduces the average current drain to about 0.4 amps for a factor of FIVE improvement in battery life!

I still dont see any sailboats on HF, and very few of the waterway boats if there are any, but this will be easy to do if they want...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From dkaplan@pionet.net Thu Oct 24 18:56:58 1996  
Received: from ELWOOD.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA12475 for <aprssig@tapr.org>; Thu, 24 Oct 1996 18:56:55 -0500 (CDT)  
Received: from pm4\_96.pionet.net by ELWOOD.pionet.net; (5.65v3.0/1.1.8.2/03Oct95-1046AM)  
id AA22856; Thu, 24 Oct 1996 19:06:37 -0500  
Date: Thu, 24 Oct 1996 19:06:37 -0500  
Message-Id: <9610250006.AA22856@ELWOOD.pionet.net>  
X-Sender: dkaplan@elwood.pionet.net  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: Dave Kaplan <dkaplan@pionet.net>  
Subject: Best Weather Setup

It looks like we are going to see some activity here in Sioux City, IA. We are talking about putting up a WIDE in Mapelton, IA that should give us a link to Red Oak, IA and, hopefully, from there to Kansas City and Des Moines.

We would like to install some weather station around Sioux City for the local Police Fire and EOC to be able to monitor weather conditions. What are the pros and cons about the Peet Bros and the Davis. How does price compare for units that have rainfall/rate of rainfall etc...

Looking forward to all comments either in private or on the web.

Dave  
WB0WNX

From bcdpe@innova.net Thu Oct 24 19:24:57 1996  
Received: from atl11.america.net (atl11.america.net [199.170.121.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA14311 for <aprssig@tapr.org>; Thu, 24 Oct 1996 19:24:55 -0500 (CDT)  
Received: from rocketman.innova.net ([206.139.128.52]) by atl11.america.net (8.7.6/8.7.3) with SMTP id UAA05625 for <aprssig@tapr.org>; Thu, 24 Oct 1996 20:24:54 -0400 (EDT)  
Message-ID: <327008EB.3B73@innova.net>  
Date: Thu, 24 Oct 1996 20:25:15 -0400  
From: Bruce Douberley <bcdpe@innova.net>  
X-Mailer: Mozilla 3.0 (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5818] 77d Bug  
References: <326E3759.2B70@worldnet.att.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

B.G. Gotshall wrote:

>  
> I have noticed the problem with the O D S and have what appears to be a  
> couple of others..  
> 1. My saved maps (1,3,5 etc) were scrambled  
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> One other problem, which might have been Operator error,(who me?) I  
> renamed my CONFIG files to 77d. The APR extension seemed to work OK but  
> the HF extension would not. I finally had to enter the program from  
> scratch and save it.  
>  
> Bud (WB4LTF)

Bob,

Is there a problem with the shell to DOS? When I hit File-Dos i get  
dumped to c: and get the following error message:  
"Illegal function call in line 0 of module APRS77W at address 1AA8:5545  
Hit any key to return to system"

Bruce Douberley, WB4JNE  
bcdpe@innova.net

From kb6lfm@ix.netcom.com Thu Oct 24 20:07:13 1996  
Received: from dfw-ix4.ix.netcom.com (dfw-ix4.ix.netcom.com [206.214.98.4]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA16333 for <aprssig@tapr.org>; Thu, 24 Oct 1996 20:07:10 -0500 (CDT)  
Received: from -kb6lfm (ala-ca14-23.ix.netcom.com [204.32.168.87]) by dfw-ix4.ix.netcom.com (8.6.13/8.6.12) with SMTP id SAA12926 for <aprssig@tapr.org>; Thu, 24 Oct 1996 18:06:29 -0700  
Message-ID: <32701233.59F8@ix.netcom.com>  
Date: Thu, 24 Oct 1996 18:04:51 -0700  
From: kb6lfm <kb6lfm@ix.netcom.com>  
Reply-To: kb6lfm@ix.netcom.com  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5819] Sailboats and APRS.  
References: <Pine.GS0.3.95.961024192732.11181A-100000@arctic>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>  
> I will be adding a QRU command to APRS so that sailboaters can turn off  
> their RECEIVERS as well as transmitters on long sails. At the Academy, we  
> find that an SSB radio draws 1.7 amps on receive and the 286 laptop draws  
> .3 for a total of 2 amps. Although the 100 amp hour batteries should last  
> 2 days at this rate, most skippers are concerned. (Transmit current of 20  
> amps is insignificant since it is on less than 0.5% of the time).  
>  
> With a QRU query packet, I can have the laptop turn oFF the HF between the  
> 15 minute position periods. Then turn it on to send its beacon, posit and  
> the QRU packet. Then it listens for 1 minute before turning off the HF  
> again. Every station hearing the QRU packet will scan its MESSAGE list  
> and if it has an outgoing packet for that station, it will send it. This  
> way, the sailboat will still RECEIVE traffic, even though his receiver  
> is OFF 92% of the time! This reduces the average current drain to about  
> 0.4 amps for a factor of FIVE improvement in battery life!  
>  
> I still dont see any sailboats on HF, and very few of the waterway boats  
> if there are any, but this will be easy to do if they want...  
>  
> Reply mail addr: wb4apr@amsat.org  
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

de KB6LFM

QRU for S/V's what a great idea.! looking forward to that up-grade.  
Re; UR comment about not seeing many S/V's. We out here on the Left  
Coast are doing our best to get the (Ham) Skippers to install 30m  
beacons. You might want to check-out the "Baja Ha! Ha!" race which

starts on the 28th. KN6KB (Rick) on "Second Wind" for one, will be  
"beaconing"

Cheers de Bill

From n4ldg@juno.com Thu Oct 24 21:50:17 1996  
Received: from x7.boston.juno.com (x7.boston.juno.com [205.231.100.24]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA20443 for <aprssig@tapr.org>; Thu, 24  
Oct 1996 21:50:15 -0500 (CDT)  
Received: (from n4ldg@juno.com) by x7.boston.juno.com (queueemail)  
id WAA01121; Thu, 24 Oct 1996 22:25:09 EDT  
To: aprssig@tapr.org  
Date: Thu, 24 Oct 1996 19:14:47 PST  
Subject: LL BBS?  
Message-ID: <19961024.191449.3942.0.N4LDG@juno.com>  
X-Mailer: Juno 1.00  
X-Juno-Line-Breaks: 2-4  
From: n4ldg@juno.com (Louis A Cruz)

Hello folks, is there a LL BBS where I can download the latest version(s)  
of APRS? At the time, I have no access to the Internet, only mail, but  
would like to still be able to download the latest version of APRS.

Thanks! 73 - Louis, N4LDG

From reid@imerge.com Thu Oct 24 22:21:49 1996  
Received: from netdoor.com (pike.netdoor.com [204.255.16.6]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id WAA21640 for <aprssig@tapr.org>; Thu, 24 Oct 1996  
22:21:46 -0500 (CDT)  
Received: from 208.193.254.155 (port178.jxn.netdoor.com [208.193.254.155]) by  
netdoor.com (8.7.5/8.7) with SMTP id WAA29766 for <aprssig@tapr.org>; Thu, 24 Oct  
1996 22:21:04 -0500 (CDT)  
Message-ID: <32703245.7C25@imerge.com>  
Date: Thu, 24 Oct 1996 22:21:46 -0500  
From: Ronnie Reid <reid@imerge.com>  
Reply-To: reid@imerge.com  
Organization: w w w . i m e r g e . c o m  
X-Mailer: Mozilla 3.0 (Macintosh; I; PPC)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Eagle Accunav Sport/Mac Serial Pinouts  
References: <32701233.59F8@ix.netcom.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ok, this isn't exactly an APRS question, but maybe someone can help.

I'm trying to get my Accunav Sport to send data to my Mac, but so far,  
I'm having no luck.

I think I have the correct pins connected, but someone mentioned I might  
need a diode or something for the RS-422 port. Not knowing \_alot\_ about  
it, I'm turning to you all... the experts.

Any help would be greatly appreciated!!!

Thanks.

Ronnie

From ku0g@sprynet.com Thu Oct 24 22:33:30 1996  
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id WAA22064 for <aprssig@tapr.org>; Thu, 24 Oct 1996  
22:33:26 -0500 (CDT)  
Received: from JIMDUNCA (TS2-P64.WWI.NET [204.153.64.164]) by m1.sprynet.com  
(8.6.12/8.6.12) with SMTP id UAA01881 for <aprssig@tapr.org>; Thu, 24 Oct 1996  
20:33:17 -0700  
Date: Thu, 24 Oct 1996 20:33:17 -0700  
Message-Id: <199610250333.UAA01881@m1.sprynet.com>  
X-Sender: ku0g@m1.sprynet.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: James Duncan <ku0g@sprynet.com>  
Subject: Re: [APRSSIG:5819] Sailboats and APRS.

At 18:33 10/24/96 -0500, you wrote:

>With a QRU query packet, I can have the laptop turn oFF the HF between the  
>15 minute position periods. Then turn it on to send its beacon, posit and  
>the QRU packet. Then it listens for 1 minute before turning off the HF  
>again. Every station hearing the QRU packet will scan its MESSAGE list  
>and if it has an outgoing packet for that station, it will send it. This  
>way, the sailboat will still RECEIVE traffic, even though his receiver  
>is OFF 92% of the time! This reduces the average current drain to about  
>0.4 amps for a factor of FIVE improvement in battery life!

>

>I still dont see any sailboats on HF, and very few of the waterway boats  
>if there are any, but this will be easy to do if they want...

It would seem to me that this would also be great for just plain ol'  
mobiles, too! How about people like Peter (W7LUS) who are on the road for  
long periods. Would also be good for the RV'ers out there, too!

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Thu Oct 24 22:35:37 1996  
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id WAA22106 for <aprssig@tapr.org>; Thu, 24 Oct 1996  
22:35:34 -0500 (CDT)  
Received: from JIMDUNCA (TS2-P64.WWI.NET [204.153.64.164]) by m1.sprynet.com  
(8.6.12/8.6.12) with SMTP id UAA02235 for <aprssig@tapr.org>; Thu, 24 Oct 1996  
20:35:25 -0700

Date: Thu, 24 Oct 1996 20:35:25 -0700  
Message-Id: <199610250335.UAA02235@m1.sprynet.com>  
X-Sender: ku0g@m1.sprynet.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: James Duncan <ku0g@sprynet.com>  
Subject: Re: [APRSSIG:5820] Best Weather Setup

At 18:59 10/24/96 -0500, you wrote:

>It looks like we are going to see some activity here in Sioux City, IA. We  
>are talking about putting up a WIDE in Mapelton, IA that should give us a  
>link to Red Oak, IA and, hopefully, from there to Kansas City and Des Moines.  
>

GREAT NEWS, Dave!!! Looking forward to seeing I-29 get even more coverage  
than it already has!!!

>We would like to install some weather station around Sioux City for the  
>local Police Fire and EOC to be able to monitor weather conditions. What  
>are the pros and cons about the Peet Bros and the Davis. How does price  
>compare for units that have rainfall/rate of rainfall etc...

I like the Peet Brothers units, myself (own two, so far!). They're easy to  
set up, assembly and hook up to the TNC!!!

>

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Thu Oct 24 22:36:50 1996  
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id WAA22165 for <aprssig@tapr.org>; Thu, 24 Oct 1996  
22:36:44 -0500 (CDT)  
Received: from JIMDUNCA (TS2-P64.WWI.NET [204.153.64.164]) by m1.sprynet.com  
(8.6.12/8.6.12) with SMTP id UAA02427 for <aprssig@tapr.org>; Thu, 24 Oct 1996  
20:36:39 -0700  
Date: Thu, 24 Oct 1996 20:36:39 -0700  
Message-Id: <199610250336.UAA02427@m1.sprynet.com>  
X-Sender: ku0g@m1.sprynet.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: James Duncan <ku0g@sprynet.com>  
Subject: Re: [APRSSIG:5821] Re: 77d Bug

At 19:29 10/24/96 -0500, you wrote:

>B.G. Gotshall wrote:

>>

>> I have noticed the problem with the O D S and have what appears to be a  
>> couple of others..

>> 1. My saved maps (1,3,5 etc) were scrambled

Same here! Mine wouldn't even play!!!

>> 2. The X B does not send. X P works!

Haven't tried this yet....

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@sprynet.com

From kc5ejk@onramp.net Thu Oct 24 23:38:14 1996  
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA24307 for <aprssig@tapr.org>; Thu, 24 Oct 1996 23:38:12 -0500 (CDT)  
Received: from [199.1.11.160] (dal60.onramp.net [199.1.11.160]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id XAA12025; Thu, 24 Oct 1996 23:38:06 -0500 (CDT)  
Message-Id: <v02140b00ae95fb9cb0c4@[199.1.11.123]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Thu, 24 Oct 1996 23:40:05 -0600  
To: aprssig@tapr.org  
From: kc5ejk@onramp.net (Robert Winingham)  
Subject: Re: [APRSSIG:5824] Eagle Accunav Sport/Mac Serial Pinouts  
Cc: reid@imerge.com

>Ok, this isn't exactly an APRS question, but maybe someone can help.

That Ok it is asked all the time

>I'm trying to get my Accunav Sport to send data to my Mac, but so far,  
>I'm having no luck.  
>I think I have the correct pins connected, but someone mentioned I might  
>need a diode or something for the RS-422 port. Not knowing \_alot\_ about  
>it, I'm turning to you all... the experts.

The Mac serial ports are RS-422 BUT all pre-make cables have one side of the RS-422 "balanced pair interface" input connect to ground to make it RS-232

That looks something like this:

|                         |                   |
|-------------------------|-------------------|
| DIN-8 MALE              | DB-25 MALE        |
| GROUND 4 0---+-----0 7  | GROUND            |
| RECV DATA + 8 0---+     |                   |
| RECV DATA - 5 0-----0 3 | RD (Receive Data) |



XMIT DATA - 3 0-----0 2 TD (Transmit Data)

HANDSHAKE OUT 1 0--+

HANDSHAKE IN 2 0--+------0 20 DTR (Data Terminal Ready)

You must roll your own cable by using a 8-pin to 8-pin cable and cutting off one end.

8-pin mini-DIN connector on the back panel

```
      notch
    8  7  6

    5  4  3

    2  1
```

| Pin<br>number | Signal | Function              |
|---------------|--------|-----------------------|
| 1             | HSKo   | Handshake output      |
| 2             | HSKi   | Handshake input       |
| 3             | TxD-   | Transmit data -       |
| 4             | SG     | Signal ground         |
| 5             | RxD-   | Receive data -        |
| 6             | TxD+   | Transmit data +       |
| 7             | GPi    | General-purpose input |
| 8             | RxD+   | Receive data +        |

| GPS          | MAC Signal      | MAC pin |
|--------------|-----------------|---------|
| -----        | -----           | -----   |
| GPS Data Out | Receive Data -  | (5)     |
| GPS Data In  | Transmit Data - | (3)     |
| Ground       | Ground          | (4)     |

-----

The RS-422 will be a better match for the almost TTL like output of most GPS units. IF your unit output true S-232 than per-made MAC RS-232 cable will work.

Note : IF you do run an input TO the GPS don't overdrive it.

For a Garmin-45 user the cable would be:

| GPS 45           | Mac               | PC User 9 Pin |
|------------------|-------------------|---------------|
| -----            | -----             | -----         |
| Data Out (Brown) | Receive Data (5)  | 2             |
| Data In (White)  | Transmit Data (3) | 3             |
| Ground (Black)   | Ground (4)        | 5             |
| Power(+) (Red)   | No Connection     |               |

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From sparkfel@primenet.com Fri Oct 25 00:27:28 1996  
Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA01588 for <aprssig@tapr.org>; Fri, 25 Oct 1996 00:27:26 -0500 (CDT)  
Received: from ip-21-110.phx.primenet.com (ip-21-110.phx.primenet.com [206.165.21.110]) by primenet.com (8.8.2/8.8.2) with SMTP id WAA13179; Thu, 24 Oct 1996 22:27:22 -0700 (MST)  
Date: Thu, 24 Oct 1996 22:27:22 -0700 (MST)  
Message-Id: <1.5.4.16.19961024222724.2d47079c@mailhost.primenet.com>  
X-Sender: sparkfel@mailhost.primenet.com  
X-Mailer: Windows Eudora Light Version 1.5.4 (16)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org, aprssig@tapr.org  
From: Mark Fellhauer <sparkfel@primenet.com>  
Subject: Re: [APRSSIG:5814] KAM+ / APRS

At 03:59 PM 10/24/96 -0500, Al and/or Lorie Z. wrote:

>Howdy folks,

>

>Will a KAM+ w/ a version 6.1 ROM work without a hitch as an APRS GATE?

>

>

Although I'm no expert on the KAM+, it seems to me there was a guy in Phoenix who was using one. Unfortunately, he moved out of the area, or I'd get his call.

Mark  
KC7BXS

From aprs@juno.com Fri Oct 25 00:51:42 1996  
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA03628 for <aprssig@tapr.org>; Fri, 25 Oct 1996 00:51:40 -0500 (CDT)  
Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail) id BAB12088; Fri, 25 Oct 1996 01:20:49 EDT  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5807] WinAPRS and HSP  
Message-ID: <19961024.222816.8982.1.aprs@juno.com>  
References: <v03007800ae9521a61fe5@[165.1.27.171]>  
X-Mailer: Juno 1.15  
X-Juno-Line-Breaks: 0-2,4,7-8,12-19,21-26  
From: aprs@juno.com (ap rs)  
Date: Fri, 25 Oct 1996 01:20:49 EDT

Mark

Hope it works with pico mode, too (where it sends a ctrl e for the posit).

It is very important to have HSP user settable, I think down to every couple of seconds or so. This is, of course for tracking your progress (mapping).

Not having used WinAPRS mobile yet with GPS (because of no HSP), I don't even know if you have such a mode. But if you do, I think we need to be able to get posits for local screen update that often. The pico can easily switch once a second without causing errors on DosAPRS.

Ralph  
rwf@mindspring.com

On Thu, 24 Oct 1996 09:06:58 -0500 (CDT) Mark Sproul <sproul@ap.org> writes:

>To all WinAPRS users

>

>I FINALLY have HSP working. I will be releasing version 1.1.6 by the  
>end

>of the weekend.

From dwittich@concentric.net Fri Oct 25 05:11:11 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA10727 for <aprssig@tapr.org>; Fri, 25 Oct 1996 05:11:09 -0500 (CDT)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])

by tribune.concentric.net (8.7.5/(96/10/22 1.9))

id GAA16182; Fri, 25 Oct 1996 06:11:08 -0400 (EDT)

[1-800-745-2747 The Concentric Network]

Errors-To: <dwittich@concentric.net>

Received: from witticd (cnc041031.concentric.net [206.173.33.31])

by cliff.cris.com (8.8.0)

id GAA19785; Fri, 25 Oct 1996 06:11:05 -0400 (EDT)

Message-Id: <1.5.4.32.19961025101523.002aac7c@pop3.concentric.net>

X-Sender: dwittich@pop3.concentric.net

X-Mailer: Windows Eudora Light Version 1.5.4 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Fri, 25 Oct 1996 06:15:23 -0400

To: aprssig@tapr.org

From: Doug Wittich <dwittich@concentric.net>

Subject: Re: [APRSSIG:5823] LL BBS?

Louis, you can download it from my BBS. I got the 77D versions from TAPR and uploaded them to these two the other day:

410-256-0170 33+kbps Area HAMCOMM

410-252-6238 14400 bps (W3FT Baltimore ARC BBS) Area HAMPKT

Once you get \*a\* copy, there is a list of the official distribution boards.  
I'm not yet on there, but should probably ask to be.

73

Doug

At 09:55 PM 10/24/96 -0500, you wrote:

>Hello folks, is there a LL BBS where I can download the latest version(s)  
>of APRS? At the time, I have no access to the Internet, only mail, but  
>would like to still be able to download the latest version of APRS.

>

>Thanks! 73 - Louis, N4LDG

>

>

>

From ad4bl@juno.com Fri Oct 25 06:54:14 1996

Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA13451 for <aprssig@tapr.org>; Fri, 25  
Oct 1996 06:54:13 -0500 (CDT)

Received: (from ad4bl@juno.com) by x4.boston.juno.com (queuemail)  
id HAC25698; Fri, 25 Oct 1996 07:53:57 EDT

To: aprssig@tapr.org

Date: Fri, 25 Oct 1996 07:50:54 CDT

Subject: Re: 77d Bug

Message-ID: <19961025.065244.3406.3.ad4bl@juno.com>

References: <199610250336.UAA02427@m1.sprynet.com>

X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 0,2-22,24-27

From: ad4bl@juno.com (Linda G Mullen)

On Thu, 24 Oct 1996 22:43:27 -0500 (CDT) James Duncan <ku0g@sprynet.com>  
writes:

>At 19:29 10/24/96 -0500, you wrote:

>>B.G. Gotshall wrote:

>>>

>>> I have noticed the problem with the O D S and have what appears to  
>be a

>>> couple of others..

>>> 1. My saved maps (1,3,5 etc) were scrambled

>

>Same here! Mine wouldn't even play!!!

>

>>> 2. The X B does not send. X P works!

>

>Haven't tried this yet....

>  
>73 de Jim, KU0G  
>Chairman/Coordinator  
>Kansas City APRS Working Group  
>EMail: ku0g@sprynet.com  
>

I am using 7.7D and the SB works just fine...I did keep the old config file with some modifications for 7.7d

Linda

From jratchf@bulldog.afsc.k12.ar.us Fri Oct 25 06:57:50 1996  
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id GAA13517 for <aprssig@tapr.org>; Fri, 25 Oct 1996 06:57:43 -0500 (CDT)  
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id GAA11622; Fri, 25 Oct 1996 06:57:41 -0500  
Date: Fri, 25 Oct 1996 06:57:40 -0500 (CDT)  
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>  
To: aprssig@tapr.org  
cc: aprssig@tapr.org  
Subject: Re: [APRSSIG:5822] Re: Sailboats and APRS.  
In-Reply-To: <32701233.59F8@ix.netcom.com>  
Message-ID: <Pine.LNX.3.91.961025065657.11597A-100000@bulldog.afsc.k12.ar.us>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a sail boat in my bath tub. Does that count? ... grin ...

On Thu, 24 Oct 1996, kb6lfm wrote:

> Bob Bruninga wrote:  
> >  
> > I will be adding a QRU command to APRS so that sailboaters can turn off  
> > their RECEIVERS as well as transmitters on long sails. At the Academy, we  
> > find that an SSB radio draws 1.7 amps on receive and the 286 laptop draws  
> > .3 for a total of 2 amps. Although the 100 amp hour batteries should last  
> > 2 days at this rate, most skippers are concerned. (Transmit current of 20  
> > amps is insignificant since it is on less than 0.5% of the time).  
> >  
> > With a QRU query packet, I can have the laptop turn oFF the HF between the  
> > 15 minute position periods. Then turn it on to send its beacon, posit and  
> > the QRU packet. Then it listens for 1 minute before turning off the HF  
> > again. Every station hearing the QRU packet will scan its MESSAGE list  
> > and if it has an outgoing packet for that station, it will send it. This  
> > way, the sailboat will still RECEIVE traffic, even though his receiver  
> > is OFF 92% of the time! This reduces the average current drain to about  
> > 0.4 amps for a factor of FIVE improvement in battery life!  
> >  
> > I still dont see any sailboats on HF, and very few of the waterway boats  
> > if there are any, but this will be easy to do if they want...

> >  
> > Reply mail addr: wb4apr@amsat.org  
> > See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>  
>  
>  
> de KB6LFM  
>  
> QRU for S/V's what a great idea.! looking forward to that up-grade.  
> Re; UR comment about not seeing many S/V's. We out here on the Left  
> Coast are doing our best to get the (Ham) Skippers to install 30m  
> beacons. You might want to check-out the "Baja Ha! Ha!" race which  
> starts on the 28th. KN6KB (Rick) on "Second Wind" for one, will be  
> "beaconing"  
>  
> Cheers de Bill  
>

From dkaplan@pionet.net Fri Oct 25 07:22:59 1996  
Received: from ELWOOD.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id HAA14532 for <aprssig@tapr.org>; Fri, 25 Oct 1996  
07:22:58 -0500 (CDT)  
Received: from pm1\_108.pionet.net by ELWOOD.pionet.net;  
(5.65v3.0/1.1.8.2/03Oct95-1046AM)  
id AA11627; Fri, 25 Oct 1996 07:32:34 -0500  
Date: Fri, 25 Oct 1996 07:32:34 -0500  
Message-Id: <9610251232.AA11627@ELWOOD.pionet.net>  
X-Sender: dkaplan@elwood.pionet.net  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: Dave Kaplan <dkaplan@pionet.net>  
Subject: X1J Node

Hope to install an X1J WIDE at Mapleton, Iowa in the next 10 days. Anything  
special about setting up this style node?

Dave

From bruninga@nadm.navy.mil Fri Oct 25 08:29:42 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA16902 for <aprssig@tapr.org>; Fri, 25  
Oct 1996 08:29:40 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil  
(8.7.5/8.7.3) with SMTP id JAA14977 for <aprssig@tapr.org>; Fri, 25 Oct 1996  
09:34:49 -0400 (EDT)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Fri, 25 Oct 1996 09:34:49 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Remote U-II's  
Message-ID: <Pine.GSO.3.95.961025093105.14356A-100000@arctic>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I figured out what is going on with remote U-II's. What APRS does is overwrite the POSIT on the P-LIST with the WX data when a raw U-II packet come in. When a BText from the same station contains the POSIT info, it overwrites that too as it should. What you have to do is make sure that the BText with the POSIT has no other text in it beyond the \_ wx symbol character. That way, it will NOT overwrite that portion of the posit.

So the software IS working as I designed it. But BText must contain only the posit and no text.

I would like for the BText to contain some other info, but havent figured out how I want to do that yet. So for now, cut the BText to POSIT only.

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From pbunsol@cati.csufresno.edu Fri Oct 25 08:30:09 1996  
Received: from CATI.CSUFresno.EDU (caticsuf.cati.csufresno.edu [129.8.100.15]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA16923 for <aprssig@tapr.org>; Fri, 25 Oct 1996 08:30:06 -0500 (CDT)  
Received: (pbunsol@localhost) by CATI.CSUFresno.EDU (8.6.10/8.6.5) id GAA29421; Fri, 25 Oct 1996 06:30:44 -0700  
Date: Fri, 25 Oct 1996 06:30:44 -0700  
From: Pat Bunsold <pbunsol@cati.csufresno.edu>  
Message-Id: <199610251330.GAA29421@CATI.CSUFresno.EDU>  
X-Mailer: idsmail 4.0  
To: aprssig@tapr.org  
Subject: GPS & Window DeIcers

I have used my Trimble Mushroom GPS all summer with excellent results in the rear window shelf of my car and usually get about 5 to 6 satellites. But today I was shocked to see NO SATS at all being recieved! After checking all possible causes, I turned off the Rear Window DeIcer and suddenly all the sats reappeared. Evidently, when off, these wires do not interfere with sat n, but when powered, act as a Faraday shield or such blanking out reception! So, those running rear window GPS's, Scrape off the ice if you want to have your tracker work! 73, Pat WA6MHZ

From mark@y100.com Fri Oct 25 08:43:54 1996  
Received: from mail3.voicenet.com (mail3.voicenet.com [207.103.0.45]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA17379 for <aprssig@tapr.org>; Fri, 25 Oct 1996 08:43:53 -0500 (CDT)  
Received: from default (ivyland432.voicenet.com [207.103.7.51]) by mail3.voicenet.com (8.7.5/8.6.12) with SMTP id JAA09313 for <aprssig@tapr.org>; Fri, 25 Oct 1996 09:46:12 -0400 (EDT)  
Message-ID: <3270C3E6.4110@y100.com>  
Date: Fri, 25 Oct 1996 09:43:02 -0400  
From: Mark Humphrey <mark@y100.com>  
Reply-To: mark@y100.com  
Organization: WPLY - 100 / Radio Philadelphia

X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5817] Altoona, PA activity?  
References: <326FE38B.359C@cyberenet.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bob Derderian wrote:

>  
> Hi All,  
>  
> Anyone know if there is any activity in the Altoona, PA area. I know  
> there is now N2CHV-2 on Blue Mtn in Harrisburg, and occasionally I would  
> see a station marked as WIDE in Hagerstown, MD.  
>

Bob: I'm not aware of anything in Altoona yet, but I drove through  
Pittsburgh last May and did hear activity on 145.79.

If the Altoona group decides to set up a WIDE, a site on Sideling Hill  
(near the PA Turnpike) should be able to hit N2CHV-2 reliably, and would  
receive mobiles on I-76 and I-70 toward MD. They will probably want to  
build another WIDE west of Altoona to cover the Johnstown area, too.

73, Mark N2CHV

From bruninga@nadm.navy.mil Fri Oct 25 09:03:33 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA18250 for <aprssig@tapr.org>; Fri, 25  
Oct 1996 09:03:31 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil  
(8.7.5/8.7.3) with SMTP id KAA19254; Fri, 25 Oct 1996 10:08:38 -0400 (EDT)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Fri, 25 Oct 1996 10:08:37 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: Bob Derderian <n2iph@cyberenet.net>  
cc: aprssig@tapr.org  
Subject: Re: QRU for sailboats  
In-Reply-To: <32700358.52E8@cyberenet.net>  
Message-ID: <Pine.GS0.3.95.961025093738.14356C-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 24 Oct 1996, Bob Derderian wrote concerning my proposal of  
Sailboat low power APRS HF operations:

> I don't understand something, are you saying that APRS will physically  
> shut down the receiver (remove power) ? If so will this be through some  
> control using the LPT port or a second serial port?

APRSDos REPLY/COMMENT: I will use the DTR line on the serial port...



Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadn.navy.mil Fri Oct 25 09:06:03 1996

Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA18305 for <aprssig@tapr.org>; Fri, 25 Oct 1996 09:06:01 -0500 (CDT)

Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA19645 for <aprssig@tapr.org>; Fri, 25 Oct 1996 10:11:10 -0400 (EDT)

X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs

Date: Fri, 25 Oct 1996 10:11:10 -0400 (EDT)

From: Bob Bruninga <bruninga@nadn.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5821] Re: 77d Bug

In-Reply-To: <327008EB.3B73@innova.net>

Message-ID: <Pine.GS0.3.95.961025101056.14356E-1000000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

You dont have enough memory any more...

On Thu, 24 Oct 1996, Bruce Douberley wrote:

> B.G. Gotshall wrote:

> >

> > I have noticed the problem with the O D S and have what appears to be a  
> > couple of others..

> > 1. My saved maps (1,3,5 etc) were scrambled

> > 2. The X B does not send. X P works!

> >

> > One other problem, which might have been Operator error,(who me?) I  
> > renamed my CONFIG files to 77d. The APR extent ion seemed to work OK but  
> > the HF extension would not. I finally had to enter the program from  
> > scratch and save it.

> >

> > Bud (WB4LTF)

>

> Bob,

> Is there a problem with the shell to DOS? When I hit File-Dos i get  
> dumped to c: and get the following error message:

> "Illegal function call in line 0 of module APRS77W at address 1AA8:5545

> Hit any key to return to system"

>

> Bruce Douberley, WB4JNE

> bcdpe@innova.net

>

>

APRSDos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Fri Oct 25 09:15:27 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA18786 for <aprssig@tapr.org>; Fri, 25 Oct 1996 09:15:26 -0500 (CDT)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id KAA21005 for <aprssig@tapr.org>; Fri, 25 Oct 1996 10:20:35 -0400 (EDT)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Fri, 25 Oct 1996 10:20:34 -0400 (EDT)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5825] Re: Sailboats and APRS.  
In-Reply-To: <199610250333.UAA01881@m1.sprynet.com>  
Message-ID: <Pine.GSO.3.95.961025101249.14356F-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 24 Oct 1996, James Duncan wrote:

> It would seem to me that this would also be great for just plain ol'  
> mobiles, too! How about people like Peter (W7LUS) who are on the road for  
> long periods. Would also be good for the RV'ers out there, too!

APRSdos REPLY/COMMENT: Yes, and no. Like anything, idiots can abuse it. If a station has ample power like ANY mobile with an engine, then he should keep his HF receiver on all the time and should \*not\* burn up bandwidth sending QRU's all day long. But yes, for a mobile that has gone QRT for a few hours, he can send one QRU when he is on the road again to see if he missed anything.

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From schiers@ames.net Fri Oct 25 10:17:16 1996  
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA21472 for <aprssig@tapr.org>; Fri, 25 Oct 1996 10:17:14 -0500 (CDT)  
From: schiers@ames.net  
Message-Id: <199610251517.KAA21472@tapr.org>  
Received: from [206.29.126.237] by ames.net id 51b10.wrk; Fri, 25 Oct 1996 10:13:36 -0600  
Date: Fri, 25 Oct 96 10:13:39 -0500  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5820] Best Weather Setup  
In-Reply-To: <851561@bbs.ames.net>  
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.18

In <851561@bbs.ames.net>, on 10/24/96 at 07:00 PM,  
aprssig@tapr.org said:

> What  
>are the pros and cons about the Peet Bros and the Davis.

I can only give you pros about Peet:

1. The U-2000 is a dream to use. Easy and very powerful. Excellent interface to APRS.
2. SUPERB customer service. Responsive, fair, fast.
3. I have used 2 U-II's and one U-2000 and had excellent luck with all of them. There were some early problems with both the regular temp sensors and the combined external humidity/temp sensor.
4. Price is reasonable and they have maintained some form of upgrade path so your existing peripherals work with their upgraded control heads. The old heads can even be used as remotes!

hasan schiers, NOAN--

-----  
schiers@ames.net  
-----

From schiers@ames.net Fri Oct 25 10:18:18 1996  
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA21633 for <aprssig@tapr.org>; Fri, 25 Oct 1996 10:18:15 -0500 (CDT)  
From: schiers@ames.net  
Message-Id: <199610251518.KAA21633@tapr.org>  
Received: from [206.29.126.237] by ames.net id 51d10.wrk; Fri, 25 Oct 1996 10:14:34 -0600  
Date: Fri, 25 Oct 96 10:17:42 -0500  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5820] Best Weather Setup  
In-Reply-To: <851561@bbs.ames.net>  
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.18

In <851561@bbs.ames.net>, on 10/24/96 at 07:00 PM,  
aprssig@tapr.org said:

>It looks like we are going to see some activity here in Sioux City, IA.  
>We are talking about putting up a WIDE in Mapelton, IA that should give  
>us a link to Red Oak, IA and, hopefully, from there to Kansas City and  
>Des Moines.

Have you been talking to Larry, NOBKB about an APRS WIDE digi at Red Oak?  
73,

hasan schiers, NOAN--

-----  
schiers@ames.net  
-----

From jratchf@bulldog.afsc.k12.ar.us Fri Oct 25 12:16:55 1996  
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id MAA25393 for <aprssig@tapr.org>; Fri, 25 Oct 1996 12:16:52 -0500 (CDT)  
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id MAA16165; Fri, 25 Oct 1996 12:16:47 -0500  
Date: Fri, 25 Oct 1996 12:16:47 -0500 (CDT)  
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>  
To: aprssig@tapr.org  
cc: aprssig@tapr.org  
Subject: Re: [APRSSIG:5836] GPS & Window DeIcers  
In-Reply-To: <199610251330.GAA29421@CATI.CSUFresno.EDU>  
Message-ID: <Pine.LNX.3.91.961025121558.15841D-100000@bulldog.afsc.k12.ar.us>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

When tracking ones spouse, don't tell them about this!!!

On Fri, 25 Oct 1996, Pat Bunsold wrote:

> I have used my Trimble Mushroom GPS all summer with excellent results in the  
> rear window shelf of my car and usually get about 5 to 6 satellites. But  
> today I was shocked to see NO SATS at all being recieved! After checking all  
> possible causes, I turned off the Rear Window DeIcer and suddenly all the sats  
> reappeared. Evidently, when off, these wires do not interfere with sat n, but  
> when powered, act as a Faraday shield or such blanking out reception!  
> So, those running rear window GPS's, Scrape off the ice if you want to have  
> your tracker work! 73, Pat WA6MHZ  
>

From MMuecke@InterfaceTech.com Fri Oct 25 12:28:06 1996  
Received: from InterfaceTech.com (interfacetech-gw.lightside.net [207.67.176.253])  
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA25777 for <aprssig@tapr.org>; Fri,  
25 Oct 1996 12:28:03 -0500 (CDT)  
Received: by localhost from InterfaceTech.com  
(router,WinSmtip -Win32- V1.07beta1.7.s); Fri, 25 Oct 1996 10:25:42  
Received: from Admin by InterfaceTech.com  
(207.67.180.65::mail daemon,WinSmtip -Win32- V1.07beta1.7.s); Fri, 25 Oct 1996  
10:25:13  
X-Sender: Mel Muecke <mmuecke@InterfaceTech.com>  
X-Mailer: Windows Eudora Version 1.4.4  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: Mel Muecke <MMuecke@InterfaceTech.com>  
Subject: GPS-20 question  
Date: Fri, 25 Oct 1996 10:25:42  
Message-Id: <19961025102542.29045737.in@InterfaceTech.com>

Hi gang!

I bought a GPS-20 and hooked it up to see that it works. I didn' have an antenna handy, so I tried the trick with a piece of wire. I connected the serial output to my Newton, and watched the strings come out of the unit for

quite some time. The satellite numbers kept incrementing like it was searching the sky for each one. I don't remember which string was showing what, but got the impression that it was going through a cold boot sequence. When it was finished, it showed 00 satellites received, and the lat/lon never appeared.

Since the first power-up I have transferred my homemade amplified patch to the cable provided with the unit, and have left the GPS-20 running for a few hours. It never shows that it is receiving any satellites in spite of the fact that my garmin45 is sitting next to it with a full house. I know the antenna is fine, I had been using it with the garmin45.

I was wondering if there is any way to get the unit to go through the cold boot sequence again without shorting out the backup battery?

Does the unit only look for the satellites it expects to see in the sky over the last place it got a lock (garmin factory), or would it see the ones in view and lock onto them? In other words, when it says it is not receiving ANY satellites, does that mean ANY, or not any of the ones it is expecting?

I was trying to enter the lat/lon and time manually to see if that would fix it, but am having trouble getting the GPS-20 to accept input from the Newton. It may be a cabling problem, since the Newton is RS-422 and I'm not sure whether it thinks it is serial or appletalk network. I got the cable hookup for Macs a couple days ago, and will probably try that this weekend. If ALL else fails, I can dig out my old PC and talk to it that way.

Any info would be appreciated.

Thanks,

Mel

---

|            |                                       |
|------------|---------------------------------------|
| @__0~_     | Mel Muecke - Applications Engineer    |
| ,>/->/-#   | mmuecke@InterfaceTech.com             |
| (*)\--\(*) | Interface Technology - Walnut, CA USA |
|            | (909) 595-6030 Fax (909) 595-7177     |

Comment on the computer age: Never in the history of mankind has it been possible to produce so many wrong answers so quickly.  
- author unknown.

From geoff@maf.mobile.al.us Fri Oct 25 13:42:09 1996  
Received: from ns1.maf.mobile.al.us (ns1.maf.mobile.al.us [206.202.0.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA28367 for <aprssig@tapr.org>; Fri, 25 Oct 1996 13:42:07 -0500 (CDT)  
Received: from ns1 by ns1.maf.mobile.al.us (5.x/SMI-SVR4)  
id AA12257; Fri, 25 Oct 1996 13:38:41 -0500  
Date: Fri, 25 Oct 1996 13:38:39 -0500 (CDT)  
From: Geoff Peacock <geoff@maf.mobile.al.us>  
X-Sender: geoff@ns1  
To: aprssig@tapr.org

Subject: Re: [APRSSIG:5835] Remote U-II's  
In-Reply-To: <Pine.GS0.3.95.961025093105.14356A-100000@arctic>  
Message-Id: <Pine.SOL.3.91.961025133149.11512C-100000@ns1>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well I was wondering why my 2000 data would not show in the little data box at the top of the screen. I am also not seeing the wind direction indication on the blue dot. Is this caused by the same problem ?

Another question....does the packet mode of the 2000 work w/aprs or should I keep it in the gps mode ?

Geoff Peacock  
Mobile Area Free-Net, Inc.  
-----o00\_\_ ( ) \_\_00o\_  
geoff@maf.mobile.al.us (334) 405-4600

On Fri, 25 Oct 1996, Bob Bruninga wrote:

> I figured out what is going on with remote U-II's. What APRS does is  
> overwrite the POSIT on the P-LIST with the WX data when a raw U-II packet  
> come in. When a BText from the same station contains the POSIT info, it  
> overwrites that too as it should. What you have to do is make sure that  
> the BText with the POSIT has no other text in it beyond the \_ wx symbol  
> character. That way, it will NOT overwrite that portion of the posit.  
>

From dkaplan@pionet.net Fri Oct 25 13:50:30 1996  
Received: from ELWOOD.pionet.net (ELWOOD.pionet.net [199.120.116.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id NAA28816 for <aprssig@tapr.org>; Fri, 25 Oct 1996  
13:50:28 -0500 (CDT)  
Received: from pm3\_181.pionet.net by ELWOOD.pionet.net;  
(5.65v3.0/1.1.8.2/03Oct95-1046AM)  
id AA29237; Fri, 25 Oct 1996 13:59:56 -0500  
Date: Fri, 25 Oct 1996 13:59:56 -0500  
Message-Id: <9610251859.AA29237@ELWOOD.pionet.net>  
X-Sender: dkaplan@elwood.pionet.net  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: Dave Kaplan <dkaplan@pionet.net>  
Subject: Re: [APRSSIG:5844] GPS-20 question

At 12:34 PM 10/25/96 -0500, you wrote:

>

><snip>

>

>It may be a cabling problem, since the Newton is RS-422 and I'm not  
>sure whether it thinks it is serial or appletalk network. I got the cable  
>hookup for Macs a couple days ago, and will probably try that this weekend.

>If ALL else fails, I can dig out my old PC and talk to it that way.

>

>Any info would be appreciated.

>

>Thanks,

I have some old RS422 to RS232 adapters I used when I had a Honeywell (Bull) computer system that spoke RS422 that I needed to connect to my PC's. I have 3 or 4 of them in the storage closet I could sell for \$25 ea if anyone needs them.....

Dave

From djv@gte.net Fri Oct 25 14:17:05 1996

Received: from mail.gte.net (mail.gte.net [206.124.64.251]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id OAA01227 for <aprssig@tapr.org>; Fri, 25 Oct 1996 14:17:03 -0500 (CDT)

Received: from mail1.gte.net (mail1.gte.net [206.124.65.236]) by mail.gte.net (950413.SGI.8.6.12/950213.SGI.AUTOCF) via ESMTP id OAA26067 for <aprssig@tapr.org>; Fri, 25 Oct 1996 14:17:00 -0500

Received: from djv.gte.net by mail1.gte.net (SMI-8.6/SMI-SVR4) id OAA02738; Fri, 25 Oct 1996 14:16:33 -0500

Message-ID: <32710CC7.7450@gte.net>

Date: Fri, 25 Oct 1996 14:54:00 -0400

From: Daniel Velez <djv@gte.net>

Reply-To: djv@gte.net

X-Mailer: Mozilla 3.0 (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5792] Boat cruise down atlantic

References: <Pine.GS0.3.95.961023215541.24723B-100000@arctic>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>

> AA3NM just reported he traveled the intercoastal from Annapolis to  
> SouthCarolina. He had a stand alone tracker, but the family lost him just  
> south of Patuxent river. Anyone in Norfolk or NC or SC see him? He needs  
> some feedback...

>

> Reply mail addr: wb4apr@amsat.org

> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

Yep! When I got home from work, I saw the boat had just gone by. I first copied position reports as he approached downtown Norfolk in the Elizabeth River. I managed to PING him as he traveled south into Pungo (South Virginia Beach). He was using a standalone tracker on 145.79 when he passed through here...raw data.

--

Dan

||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
Daniel Velez djv@gte.net  
<http://home1.gte.net/djv/index.htm>

n4wzr@wd4miz.va.usa.noam

||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

From dpendry@mail.telis.org Fri Oct 25 14:52:54 1996  
Received: from homeroom.telis.org (homeroom.telis.org [204.71.75.151]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id 0AA03135 for <aprssig@tapr.org>; Fri, 25 Oct 1996  
14:52:52 -0500 (CDT)  
Received: from s03-pm05-ontro-t.telis.org (s03-pm05-ontro-t.telis.org  
[206.96.138.32]) by homeroom.telis.org (8.7.5/8.7.3) with SMTP id MAA19540 for  
<aprssig@tapr.org>; Fri, 25 Oct 1996 12:48:00 -0700 (PDT)  
Date: Fri, 25 Oct 1996 12:48:00 -0700 (PDT)  
Message-Id: <2.2.16.19961025124450.1ab76fd0@mail.telis.org>  
X-Sender: dpendry@mail.telis.org  
X-Mailer: Windows Eudora Pro Version 2.2 (16)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: Don Pendry <dpndry@mail.telis.org>  
Subject: [APRSSIG:5653] TAPR GPS-20 Group Purchase Update

TAPR GPS-20 Group Purchase Information

-----  
Due to the popularity of the GPS-20 group buys, TAPR plans on just taking  
continuous orders. Thus, TAPR will take orders for around 100 units and  
then do a purchase and then start another buy right away. Please remember  
that an order with payment must be received to get a unit -- this is NOT a  
collection list for purchase.

The current GPS-20 orders are being shipped this week and next. TAPR is now  
taking orders for another batch of 100 units.

Full details can be found on: [www.tapr.org](http://www.tapr.org)

-----  
Tucson Amateur Packet Radio  
8987-309 E Tanque Verde Rd #337 \* Tucson, Az \* 85749-9399 \* 817-383-0000  
-----  
e-mail: TAPR@TAPR.ORG ftp: ftp.tapr.org web: <http://www.tapr.org/tapr>  
-----

Amateur Radio Station N6AER  
Don Pendry  
PO Box 452  
Joshua Tree, California 92252  
dpndry@mail.telis.org

From dpendry@mail.telis.org Fri Oct 25 14:52:58 1996  
Received: from homeroom.telis.org (homeroom.telis.org [204.71.75.151]) by tapr.org



(8.7.5/8.7.3/1.9) with ESMTP id OAA03152 for <aprssig@tapr.org>; Fri, 25 Oct 1996 14:52:56 -0500 (CDT)

Received: from s03-pm05-ontro-t.telis.org (s03-pm05-ontro-t.telis.org [206.96.138.32]) by homeroom.telis.org (8.7.5/8.7.3) with SMTP id MAA19536 for <aprssig@tapr.org>; Fri, 25 Oct 1996 12:47:53 -0700 (PDT)

Date: Fri, 25 Oct 1996 12:47:53 -0700 (PDT)

Message-Id: <2.2.16.19961025124444.241710b2@mail.telis.org>

X-Sender: dpendry@mail.telis.org

X-Mailer: Windows Eudora Pro Version 2.2 (16)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Don Pendry <dpndry@mail.telis.org>

Subject: Re: [APRSSIG:5653] TAPR GPS-20 Group Purchase Update

At 10:36 17/10/96 -0500, you wrote:

>TAPR GPS-20 Group Purchase Information

>-----

>

>Due to the popularity of the GPS-20 group buys, TAPR plans on just taking  
>continuous orders. Thus, TAPR will take orders for around 100 units and  
>then do a purchase and then start another buy right away. Please remember  
>that an order with payment must be received to get a unit -- this is NOT a  
>collection list for purchase.

>

>The current GPS-20 orders are being shipped this week and next. TAPR is now  
>taking orders for another batch of 100 units.

>Would like some info on the GPS 20 prior to ordering one...does an external  
antenna connect to the GPS 20 and is the \$169.00 include shipping and taxes ??  
Thanks for you info..Don Pendry, N6AER, dpendry@mail.telis.org

>

>Full details can be found on: [www.tapr.org](http://www.tapr.org)

>

>

>-----

>Tucson Amateur Packet Radio

>8987-309 E Tanque Verde Rd #337 \* Tucson, Az \* 85749-9399 \* 817-383-0000

>-----

>e-mail: TAPR@TAPR.ORG ftp: [ftp.tapr.org](ftp://ftp.tapr.org) web: <http://www.tapr.org/tapr>

>-----

>

>

>

>

Amateur Radio Station N6AER

Don Pendry

PO Box 452

Joshua Tree, California 92252

dpndry@telis.org

From cbuttsch@slonet.org Fri Oct 25 14:55:35 1996

Received: from spork.callamer.com (cbuttsch@spork.callamer.com [199.74.141.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA03275 for <aprssig@tapr.org>; Fri, 25



Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA14880 for <aprssig@tapr.org>; Fri, 25 Oct 1996 20:42:33 -0500 (CDT)

Received: from JIMDUNCA (TS1-P47.WWI.NET [204.153.64.147]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id SAA05248 for <aprssig@tapr.org>; Fri, 25 Oct 1996 18:42:29 -0700

Date: Fri, 25 Oct 1996 18:42:29 -0700

Message-Id: <199610260142.SAA05248@m1.sprynet.com>

X-Sender: ku0g@m1.sprynet.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: James Duncan <ku0g@sprynet.com>

Subject: Re: [APRSSIG:5835] Remote U-II's

At 08:32 10/25/96 -0500, you wrote:

>I figured out what is going on with remote U-II's. What APRS does is  
>overwrite the POSIT on the P-LIST with the WX data when a raw U-II packet  
>come in. When a BText from the same station contains the POSIT info, it  
>overwrites that too as it should. What you have to do is make sure that  
>the BText with the POSIT has no other text in it beyond the \_ wx symbol  
>character. That way, it will NOT overwrite that portion of the posit.

>

>So the software IS working as I designed it. But BText must contain only  
>the posit and no text.

>

>I would like for the BText to contain some other info, but havent figured  
>out how I want to do that yet. So for now, cut the BText to POSIT only.

>

>Reply mail addr: wb4apr@amsat.org

>See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

>

OK, but what about those of us who use TACTICAL CALLSIGNS for the MYCALL and satisfy the ID requirement by including the actual station callsign in the BText? Means that my WX stations can no longer post on maps as MCI, MKC, etc....

Bummer!!!! I'm vain as the next guy but even >I< get tired of seeing 8 or 9 posits on the map all with MY callsign on them!

73 de Jim, KU0G

Chairman/Coordinator

Kansas City APRS Working Group

Email: ku0g@sprynet.com

From ku0g@sprynet.com Fri Oct 25 20:44:56 1996

Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA14928 for <aprssig@tapr.org>; Fri, 25 Oct 1996 20:44:55 -0500 (CDT)

Received: from JIMDUNCA (TS1-P47.WWI.NET [204.153.64.147]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id SAA05889 for <aprssig@tapr.org>; Fri, 25 Oct 1996 18:44:50 -0700

Date: Fri, 25 Oct 1996 18:44:50 -0700  
Message-Id: <199610260144.SAA05889@m1.sprynet.com>  
X-Sender: ku0g@m1.sprynet.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: James Duncan <ku0g@sprynet.com>  
Subject: Re: [APRSSIG:5842] Re: Best Weather Setup

At 10:26 10/25/96 -0500, you wrote:

>In <851561@bbs.ames.net>, on 10/24/96 at 07:00 PM,  
> aprssig@tapr.org said:

>

>>It looks like we are going to see some activity here in Sioux City, IA.  
>>We are talking about putting up a WIDE in Mapleton, IA that should give  
>>us a link to Red Oak, IA and, hopefully, from there to Kansas City and  
>>Des Moines.

>

>Have you been talking to Larry, N0BKB about an APRS WIDE digi at Red Oak?

>73,

>

>hasan schiers, N0AN--

>-----  
>schiers@ames.net

>-----

>

There's ALREADY a WIDE at Red Oak! That would be N0BKB-3, isn't it?

BTW: Where is Mapleton?

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@sprynet.com

From denniswj@aljan.com.au Fri Oct 25 21:50:39 1996  
Received: from orion.aljan.com.au (root@orion.aljan.com.au [203.26.188.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA17714 for <aprssig@tapr.org>; Fri, 25  
Oct 1996 21:50:36 -0500 (CDT)

Received: from aljan.aljan.com.au (denniswj.aljan.com.au [203.30.147.30]) by  
orion.aljan.com.au (8.6.12/8.6.9) with SMTP id MAA21238 for <aprssig@tapr.org>;  
Sat, 26 Oct 1996 12:50:45 +1000

Message-Id: <1.5.4.32.19961026025031.0066f6c4@aljan.com.au>

X-Sender: denniswj@aljan.com.au (Unverified)

X-Mailer: Windows Eudora Light Version 1.5.4 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sat, 26 Oct 1996 12:50:31 +1000

To: aprssig@tapr.org

From: Dennis James <denniswj@aljan.com.au>

Subject: Maps & Longitude Latitude Co-ordinates

Hello All

Having been on the sig now for some months and have enjoyed reading the comments.

I would like to know if there are any maps on Australia and if you can get a listing or Longitude and Latitude co-ordinates world wide.

Thanks in advance

Dennis  
Scone  
The Horse Capital of Australia  
denniswj@aljan.com.au  
VK2DOR  
Satellites U0-22 K0-23 K0-25  
GPS 45XL  
Dennis  
Scone  
The Horse Capital of Australia  
denniswj@aljan.com.au  
VK2DOR  
Satellites U0-22 K0-23 K0-25

From N5RKN@aol.com Fri Oct 25 23:38:35 1996  
Received: from emout04.mail.aol.com (emout04.mx.aol.com [198.81.11.95]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA20819 for <aprssig@tapr.org>; Fri, 25 Oct 1996 23:38:33 -0500 (CDT)  
From: N5RKN@aol.com  
Received: by emout04.mail.aol.com (8.6.12/8.6.12) id AAA17520 for aprssig@tapr.org; Sat, 26 Oct 1996 00:38:02 -0400  
Date: Sat, 26 Oct 1996 00:38:02 -0400  
Message-ID: <961026003800\_551303420@emout04.mail.aol.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5851] Don't read if you are not in Texas

Hoping to see a bunch of APRS use coming to the Odessa Hamfest November 2nd & 3rd. I'll be running mine for a while.... but, I'm in Odessa and in charge of the fest, so it will be major redundant.

See Everyone Here....over 2 dozen different dealers and over 200 tables filled.

Robert N5RKN

From rwf@mindspring.com Sat Oct 26 07:53:47 1996  
Received: from itchy.mindspring.com (itchy.mindspring.com [204.180.128.6]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA08262 for <aprssig@tapr.org>; Sat, 26 Oct 1996 07:53:46 -0500 (CDT)  
From: rwf@mindspring.com  
Received: from default (borg.mindspring.com [204.180.128.14]) by itchy.mindspring.com (8.7.5/8.7.3) with SMTP id IAA22553 for <aprssig@tapr.org>; Sat, 26 Oct 1996 08:53:44 -0400 (EDT)  
Message-Id: <2.2.32.19961026125822.006f409c@mindspring.com>  
X-Sender: rwf@mindspring.com  
X-Mailer: Windows Eudora Pro Version 2.2 (32)

Forgot to say that APRS will be running *if* I can find an active station or WIDE to digi thru. Anyone know?

rwf@mindspring.com

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head meows in Los Angeles. Do you understand this?" Einstein then continued: "Radio operates exactly the same way---you send signals here, they receive them there. The only difference is that there is no cat."

```

From wa8inz@concentric.net Sat Oct 26 09:31:23 1996
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA11066 for <aprssig@tapr.org>; Sat, 26
Oct 1996 09:31:21 -0500 (CDT)
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])
    by tribune.concentric.net (8.7.5/(96/10/25 1.9))
    id KAA06460; Sat, 26 Oct 1996 10:31:20 -0400 (EDT)
    [1-800-745-2747 The Concentric Network]
Errors-To: <wa8inz@concentric.net>
Received: from LOCALNAME (61051d00091a.concentric.net [206.173.250.21])
    by cliff.cris.com (8.8.0)
    id KAA18429; Sat, 26 Oct 1996 10:31:18 -0400 (EDT)
Message-ID: <32723CD2.3903@concentric.net>
Date: Sat, 26 Oct 1996 09:31:14 -0700
From: William Nolle <wa8inz@concentric.net>
Organization: None
X-Mailer: Mozilla 2.01 (Win16; U)

```

MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Bye,Bye  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I didn't think I would ever do this but I have decided to give up running APRS altogether. I have for a long time now been doing some checking, and this is not so easy task about where and how my signal is going and through what digi etc. I had an idea that a certain individual was Budlisting my call and am now convinced of that. After watching WA4DSY internet server for a long time i noticed the call WA8INZ never shows on that list. So testing again this morning with me 300W and my stacked 13B2's directed right at a digi that does show up in the list all the time (By the way I see that digi direct) I never ever see my or my digi's call show up on that list. When some users are sinking that low to budlist users because of a disagreement between two people then i don't want anything to do with such a group. Therefore I will discontinue using APRS and will be removing my APRS webpage from the internet. Sorry there are a great bunch of people on both the sig and those running APRS, but budlisting users is uncalled for. I will leave the digi up and running in Huntsville since I won't sink to that persons level. It's been great while it lasted guys. I have been running APRS pretty near from it's start and have enjoyed it, but there are some people that just will never give up. I know I have upset people both here and while running APRS and i'm sure there are those that will be glad to see me dissapear, and some dislike the fact that I speak and put down in words what i feel and I had always thought this was a free country, but I guess there are those that think a dictatorship would be better. I know my letterwriting is not the best in the world and I don't really have the skills to express myself to well but i'm sure most people got the drift on how I felt. 73 Bill WA8INZ

--

wa8inz@amsat.org  
wa8inz@cris.com

From joefoor@digitalexp.com Sat Oct 26 09:35:48 1996  
Received: from mail.digitalexp.com (dns.digitalexp.com [204.49.137.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA11356; Sat, 26 Oct 1996 09:35:44 -0500 (CDT)  
Received: from dial-12.marianna.fl.digitalexp.com ([204.49.137.61])  
by mail.digitalexp.com (post.office MTA v1.9.3b  
\*\*\*\* trial license expired \*\*\*\*) with SMTP id AAA171;  
Sat, 26 Oct 1996 09:34:43 -0500  
X-Sender: joefoor@digitalexp.com  
X-Mailer: Windows Eudora Version 1.4.4  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org, aprs-fl@tapr.org  
From: joefoor@digitalexp.com (Foor, Joe)  
Subject: static scrambled the Digi  
Date: Sat, 26 Oct 1996 09:34:43 -0500  
Message-ID: <19961026143441841.AAA171@dial-12.marianna.fl.digitalexp.com>

Hi All;

Our EPAN wide area digi was becoming less sensitive, with an apparent reduction of about 20db, after several days.

Over the air tests, using voice on the digi's radio, proved that the problem was in the TNC.

Observing the operation, we could see that there were packets being received, but the digi wasn't retransmitting them. After 30 minutes of failing to get the computer to communicate with the TNC, I swapped out the KPC-3, replacing it with my own.

Immediately, it became apparent that there was a receive audio problem, with the TNC Rcv led flickering during incoming packets. Apparently, the Digi TNC, CD command was set to internal instead of software, covering up this symptom.

We couldn't hear anything wrong with the receive audio, so I looked at it on an 'O'scope and found a spike with a very wide trailing edge, occurring randomly, about 18db stronger than the background noise level.

Hooking up the TNC to an HT, with both on battery power, we shut down the 60cps power throughout the house, without affecting the interference.

While walking around the yard, looking for possible sources, we noticed a strong static build up on every piece of metal.

To digress slightly, the Digi is located on top of a sandhill, about 160 feet above the average terrain. The weather for the last week and a half has been clear, windy and abnormally low humidity (20 to 30% instead of our normal 70 to 90%).

Assuming the problem was due to static buildup, I did a hard reset on the TNC, then had no problem reprogramming it. Setting the system up normally, I found that occasionally, a packet would fall entirely between the spikes, resulting in good sensitivity and normal retransmission. When a spike occurred during a packet, it required an incoming signal of at least 6 bars on the receiver, before the packet was clean enough to be retransmitted.

During the night, it rained lightly and the problem went away.

At this point, I am assuming that the static was the entire problem, including the scrambled communication protocol. Has anyone else noticed the KPC-3 being sensitive to static, or was this a random event?

regards,  
Joe kf4dys

From rhiii@mnsinc.com Sat Oct 26 09:38:13 1996



Received: from mail1.mnsinc.com (mail1.mnsinc.com [206.55.3.18]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA11407 for <aprssig@tapr.org>; Sat, 26 Oct 1996 09:38:12 -0500 (CDT)

Received: from user2.mnsinc.com (user2.mnsinc.com [206.55.3.12]) by mail1.mnsinc.com (8.6.5/8.7.1) with ESMTP id KAA07779 for <aprssig@tapr.org>; Sat, 26 Oct 1996 10:38:11 -0400

Received: from rhiii.mnsinc.com (rhiii.mnsinc.com [206.239.150.154]) by user2.mnsinc.com (8.6.5/8.6.5) with SMTP id KAA23343 for <aprssig@tapr.org>; Sat, 26 Oct 1996 10:38:10 -0400

From: rhiii@mnsinc.com (Richard H.)

To: aprssig@tapr.org

Subject: HF APRS Activity.

Date: Sat, 26 Oct 1996 14:34:46 GMT

Message-ID: <32722121.79288822@relay.mnsinc.com>

X-Mailer: Forte Agent .99e/16.227

Aside from 10151khz is there any other HF frequency commonly used for APRS ?

Richard/N2JR

From ksproul@hardees.rutgers.edu Sat Oct 26 10:02:24 1996

Received: from hardees.rutgers.edu (hardees.rutgers.edu [128.6.18.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA11932 for <aprssig@tapr.org>; Sat, 26 Oct 1996 10:02:22 -0500 (CDT)

Received: (from ksproul@localhost) by hardees.rutgers.edu

(8.6.12+bestmx+oldruq+newsunq/8.6.12) id LAA10473; Sat, 26 Oct 1996 11:02:12 -0400

Sender: Keith Sproul <ksproul@hardees.rutgers.edu>

Date: Sat, 26 Oct 96 11:02:12 EDT

From: Keith Sproul <ksproul@hardees.rutgers.edu>

Reply-To: Keith Sproul <ksproul@hardees.rutgers.edu>

To: aprssig@tapr.org, <denniswj@aljan.com.au>

Subject: Re: [APRSSIG:5854] Maps & Longitude Latitude Co-ordinates

In-Reply-To: Your message of Fri, 25 Oct 1996 21:54:44 -0500 (CDT)

Message-ID: <CMM-RU.1.5.846342132.ksproul@hardees.rutgers.edu>

> I would like to know if there are any maps on Australia and if you can get a  
> listing or Longitude and Latitude co-ordinates world wide.

I can make maps of anyplace in the world from the Digital Chart of the World CD-ROM. I will then put them up on the FTP sites..

I have made some of the Austrailian Maps and New Zealand too, they turn out pretty good.. (This is of course Win/Mac Maps)

By "listing or Longitude and Latitude co-ordinates world wide"

do you mean lat/lon of cities etc? If so, I have seen this and will go look for it... If you mean something else, please explain.

Keith

|                                                                                       |                                    |
|---------------------------------------------------------------------------------------|------------------------------------|
| Keith Sproul                                                                          | Ham Radio: WU2Z                    |
| Student Housing Network Coordinator                                                   | ksproul@noc.rutgers.edu            |
| Rutgers University Computing Services                                                 | 908 445-3695 Work 908 445-2968 Fax |
| <a href="http://www-ns.rutgers.edu/~ksproul/">http://www-ns.rutgers.edu/~ksproul/</a> | 908 821-4828 Home                  |

From fredq@bihs.net Sat Oct 26 12:18:14 1996  
Received: from brazos.bihs.net (brazos.bihs.net [204.96.15.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA15920 for <aprssig@tapr.org>; Sat, 26 Oct 1996 12:18:12 -0500 (CDT)  
Received: from fredq.bihs.net (dial2-15.bihs.net [204.96.15.62]) by brazos.bihs.net (8.7.5/8.7.3) with SMTP id MAA16552 for <aprssig@tapr.org>; Sat, 26 Oct 1996 12:14:43 -0500 (CDT)  
Message-ID: <3272472C.5F89@bihs.net>  
Date: Sat, 26 Oct 1996 12:15:24 -0500  
From: Fred Quarles <fredq@bihs.net>  
X-Mailer: Mozilla 2.01 (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5855] Re: Don't read if you are not in Texas  
References: <961026003800\_551303420@emout04.mail.aol.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Robert, could you give me the details on the Odessa hamfest, I have a group from Bryan/College Station that may come up...

Thanks...73...Fred Quarles, KC5HHN

From JOHN.LANGTRY@resonet.com Sat Oct 26 12:36:10 1996  
Received: from gw.resonet.com ([199.243.226.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA16513 for <aprssig@tapr.org>; Sat, 26 Oct 1996 12:36:08 -0500 (CDT)  
From: JOHN.LANGTRY@resonet.com  
Received: by gw.resonet.com (5.65v3.2/DEC-Ultrix/4.3) id AA01465; Sat, 26 Oct 1996 13:41:41 -0400  
X400-Received: by mta MTA-1 in /ADMD=TELECOM.CANADA/C=CA/; Relayed; 26 Oct 1996 17:41:40 +0000  
X400-Received: by /ADMD=TELECOM.CANADA/C=CA/; converted (IA5-Text); Relayed; 26 Oct 1996 17:35:00 +0000  
Date: 26 Oct 1996 17:35:00 +0000  
X400-Originator: /PN=JOHN.LANGTRY/DD.ID=JOHN.LANGTRY/O=SCNM/ADMD=TELECOM.CANADA/C=CA/@resonet.com  
X400-Mts-Identifier: [/ADMD=TELECOM.CANADA/C=CA/HNGA-3593-3900]  
To: aprssig@tapr.org  
In-Reply-To: <"ETOV-0902-2300\*/O=ENVOY.100/ADMD=TELECOM.CANADA/C=CA/"@MHS>  
Subject: [APRSSIG:5859] HF APRS Activity.  
Importance: normal

Autoforwarded: FALSE  
Message-Id: <"HNGA-3593-3900\*/O=ENVOY  
100/ADMD=TELECOM.CANADA/C=CA/"@MHS>  
X400-Content-Type: P2-1984 (2)  
Priority: normal

Hi again Richard !

Well, ahem, this is going to be from a Canadian perspective, and given what the bands are these days, here's what I've been able to glean :

- 1) 10.151 LSB is the main place for APRS packet folks
- 2) 7.085 LSB appears rarely up here; mostly folks on the West Coast of the USA and sometime a few others when 30M is really dead.
- 3) 18.110 LSB I saw only a couple of stations on there one day, Mike KD4EMI and Peter W7LUS-14 (in the big rig), again, it was one of those days when 30M was darn near dead.
- 4) 7.0855 this was one chap on the West coast; dunno if he was trying for 7.085 and was just off frequency or not. The band dropped out before I could reach him.
- 5) 14.0963 thru 14.100 LSB there have been some experiments on 20M within this range; my observations are that most folks will try for an hour or so, and when they find themselves all alone, QSY back to 30M, grit their teeth and wait for the band to come back.

Also, bear in mind that I run the GATE here in the Toronto Ontario area, and as such, my rig tends to stay on 10.151 LSB most of the time; so all kinds of neat stuff could be happening on other bands that I'm totally unaware of. I was hoping that someone would bring up the topic on the SIG and I'm curious if any of your other replies are similar to mine, above.

What would really make 20/17M popular is if we could get some of the DX boys interested; G land leaps instantly to mind. So far, no luck. We're sending a couple of APRS "ambassadors" armed with disks over there in another few weeks with the hopes that we can raise some interest. All it takes is for one or two stations to start playing with APRS, and bang, it takes off like wild fire. Toronto is a good example, a year an a half ago, we had maybe, 6 stations on the VHF side; now my mailing list has over 120 stations (we mail bulletins, tips, etc via packet) and we've got 8 digipeaters that reach from Buffalo N.Y. all the way around Lake Ontario on to Peterborough in the North East and Barrie to the North. (I see this morning, that Rochester N.Y. are back on testing their digipeater). Like I said, interest is growing like wild fire.

Sorry to ramble on, hope this helps, and until next time, vy 73 de John VE3NEC.

From hwm@netcom.com Sat Oct 26 12:38:48 1996  
Received: from mm.wd6dod.ampr.org (hwm@netcom10.netcom.com [192.100.81.120]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA16575 for <aprssig@tapr.org>; Sat, 26 Oct 1996 12:38:42 -0500 (CDT)

Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id HAA00194 for <aprssig@tapr.org>; Sat, 26 Oct 1996 07:12:20 -0700  
Date: Sat, 26 Oct 1996 07:12:20 -0700 (PDT)  
From: Bob Lorenzini <hwm@netcom.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSID:5857] Bye,Bye  
In-Reply-To: <32723CD2.3903@concentric.net>  
Message-ID: <Pine.LNX.3.95.961026070145.187B-100000@mm.wd6dod.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bill, I wish you would give it some time before you decide to quit. You are a major contributor to this group and your absence would be missed my myself and others. As you know, I have not always agreed with your opinions but by and large I enjoy your posts.

Packet wars have always been a fact of life much like the flame wars here on the internet, the difference being your routing cannot get shut off here unless you do something really bad. I hope you can resolve your differences with whoever or route around them but if not, give it some thought before you dump APRS to which you have given so much.

Bob - wd6dod

From wa4mej@juno.com Sat Oct 26 13:31:07 1996  
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id NAA18268 for <aprssig@tapr.org>; Sat, 26 Oct 1996 13:31:05 -0500 (CDT)  
Received: (from wa4mej@juno.com) by x6.boston.juno.com (queuemail) id OAA21674; Sat, 26 Oct 1996 14:30:58 EDT  
To: aprssig@tapr.org  
Date: Sat, 26 Oct 1996 14:29:44 PST  
Subject: Re: Bye,Bye  
Message-ID: <19961026.142948.4551.1.wa4mej@juno.com>  
References: <Pine.LNX.3.95.961026070145.187B-100000@mm.wd6dod.ampr.org>  
X-Mailer: Juno 1.00  
X-Juno-Line-Breaks: 1-2,4-21  
From: wa4mej@juno.com (john w dent)

bill don't give up.. there are more people with you than you know to loose one good person is like ganning an arm pit full of flees..

john wa4mej

On Sat, 26 Oct 1996 12:44:12 -0500 (CDT) Bob Lorenzini <hwm@netcom.com> writes:

> Bill, I wish you would give it some time before you decide to quit.  
>You

>are a major contributor to this group and your absence would be missed  
>my myself and others. As you know, I have not always agreed with your  
>opinions but by and large I enjoy your posts.

> Packet wars have always been a fact of life much like the flame wars  
>here on the internet, the difference being your routing cannot get  
>shut

>off here unless you do something really bad. I hope you can resolve

>your  
>differences with whoever or route around them but if not, give it some  
>thought before you dump APRS to which you have given so much.  
>  
>Bob - wd6dod  
>  
>  
>

From rwf@mindspring.com Sat Oct 26 17:35:32 1996  
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])  
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA26013 for <aprssig@tapr.org>; Sat,  
26 Oct 1996 17:35:30 -0500 (CDT)  
From: rwf@mindspring.com  
Received: from default (borg.mindspring.com [204.180.128.14]) by  
answerman.mindspring.com (8.7.5/8.7.3) with SMTP id SAA14704 for  
<aprssig@tapr.org>; Sat, 26 Oct 1996 18:38:19 -0400 (EDT)  
Message-Id: <2.2.32.19961026224007.00704178@mindspring.com>  
X-Sender: rwf@mindspring.com  
X-Mailer: Windows Eudora Pro Version 2.2 (32)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sat, 26 Oct 1996 18:40:07 -0400  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5859] HF APRS Activity.

At 09:43 AM 10/26/96 -0500, Richard wrote:  
>Aside from 10151khz is there any other HF frequency commonly used for APRS ?

Richard- in Florida, several were operating GATES on 80M. When I was there  
this winter it seemed to work pretty well. I know Kevin, Mike, and Rich  
were doing it. Don't know what happened to the FLGATES though.

Ralph Fowler, N4NEQ , S.E.R.A. Amateur Television Technical Advisor  
Atlanta, GA USA  
Internet Email: rwf@mindspring.com Pager Email: 7647836@skytel.com  
2 way pager: 1 (800) 764-7836  
<http://www.mindspring.com/~rwf> for APRS, ATV, Balloon, and Ham info  
My hobby is tracking Vehicles and other things using Ham Radio and APRS.  
Ask me how!

From rwf@mindspring.com Sat Oct 26 17:35:31 1996  
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8])  
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA26011 for <aprssig@tapr.org>; Sat,  
26 Oct 1996 17:35:28 -0500 (CDT)  
From: rwf@mindspring.com  
Received: from default (borg.mindspring.com [204.180.128.14]) by  
answerman.mindspring.com (8.7.5/8.7.3) with SMTP id SAA14700 for  
<aprssig@tapr.org>; Sat, 26 Oct 1996 18:38:17 -0400 (EDT)  
Message-Id: <2.2.32.19961026224005.006e7e34@mindspring.com>

X-Sender: rwf@mindspring.com  
X-Mailer: Windows Eudora Pro Version 2.2 (32)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sat, 26 Oct 1996 18:40:05 -0400  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5858] static scrambled the Digi

At 09:42 AM 10/26/96 -0500, Joe in FL wrote:

>

>At this point, I am assuming that the static was the entire problem,  
>including the scrambled communication protocol. Has anyone else noticed  
>the KPC-3 being sensitive to static, or was this a random event?

Not static, Joe- but a really freaky problem nonetheless. I have a KPC3 whose rx data sometimes flashes while the TX is sending data. Full duplex? nope. The radio is a stock GE MVP whose rx oscillator is unpowered when the TX is up. One of these days, I'll try another rig or TNC, but until then, I'll ponder about it.

Your static issue sounds familiar. The TNC on the Huntsville balloon a few weeks ago put out garbled data for the last 1/2 of the flight. I wonder if it was static glitched? It was usinf a zero pressure balloon which was like a plastic garbage bag instead of the latex type weather balloon we usually use.

I never heard from the guy in Huntsville (KE4ROC, I think) whose TNC it was as to whether it recovered or has to be reset/repaired.

Ralph Fowler  
rwf@mindspring.com

Albert Einstein, explaining Radio:

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head meows in Los Angeles. Do you understand this?" Einstein then continued: "Radio operates exactly the same way---you send signals here, they receive them there. The only difference is that there is no cat."- lifted from the ARRL Letter, Electronic Edition.

From n2czf@magg.net Sat Oct 26 18:48:41 1996  
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA29061 for <aprssig@tapr.org>; Sat, 26 Oct 1996 18:48:40 -0500 (CDT)  
Received: from Cybergate (wpb-109.magg.net [205.218.112.109]) by grumpy.magg.net (8.8.0/8.8.0-Zaph-1) with SMTP id TAA24488 for <aprssig@tapr.org>; Sat, 26 Oct 1996 19:48:33 -0400  
Message-Id: <199610262348.TAA24488@grumpy.magg.net>  
X-Sender: n2czf@magg.net  
X-Mailer: Windows Eudora Version 1.4.3

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Fri, 25 Oct 1996 23:46:21 -0400  
To: aprssig@tapr.org  
From: n2czf@magg.net (Richard Garcia)  
Subject: 80M in FL Re: HF APRS Activity.

Not enough interest to support the expense for many of us on 2 full gateways running 24hrs a day, it is also a big risk here in Lightning Country to leave an unattended station. Way I see it if my 30M radio gets smoked at least I have a radio to fall back on, if both are in operation and both get smoked it will probably be a few years till I can afford a new HF rig.

Another problem we found is that most people were disinterested in using the FLGATE. Everyone wanted to go out on 30M where the "action" was so even when the FLGATE was on 80M no one was on except for the FLGATES, everyone else (mostly) stayed using GATE.

>At 09:43 AM 10/26/96 -0500, Richard wrote:  
>>Aside from 10151khz is there any other HF frequency commonly used for APRS ?

>  
>

>Richard- in Florida, several were operating GATES on 80M. When I was there  
>this winter it seemed to work pretty well. I know Kevin, Mike, and Rich  
>were doing it. Don't know what happened to the FLGATES though.

>  
>  
>

>Ralph Fowler, N4NEQ , S.E.R.A. Amateur Television Technical Advisor  
>Atlanta, GA USA  
>Internet Email: [rwf@mindspring.com](mailto:rwf@mindspring.com) Pager Email: 7647836@skytel.com  
>2 way pager: 1 (800) 764-7836  
><http://www.mindspring.com/~rwf> for APRS, ATV, Balloon, and Ham info  
>My hobby is tracking Vehicles and other things using Ham Radio and APRS.  
>Ask me how!

>  
>

73's Rich N2CZF  
Jupiter Farms Florida  
[n2czf@magg.net](mailto:n2czf@magg.net) (E-Mail)  
<http://www.magg.net/~n2czf> (Personal)  
<http://www.magg.net/~n2czf/aprs.html> (Florida APRS)  
<http://www.magg.net/~n2czf/brothers.html> (Brothers to the Rescue Human Rights Group)

From n9szf@skywarn.cs.wisc.edu Sat Oct 26 19:05:22 1996  
Received: from skywarn.cs.wisc.edu (n9szf@skywarn.cs.wisc.edu [128.105.37.13]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA29493 for <aprssig@tapr.org>; Sat, 26 Oct 1996 19:05:21 -0500 (CDT)  
Received: (from n9szf@localhost) by skywarn.cs.wisc.edu (8.6.12/8.6.9) id TAA29146; Sat, 26 Oct 1996 19:05:18 -0500  
Date: Sat, 26 Oct 1996 19:05:16 -0500 (CDT)





>this winter it seemed to work pretty well. I know Kevin, Mike, and Rich  
>were doing it. Don't know what happened to the FLGATES though.

I believe that the tests were to prove that 80M is a viable method to connect Florida together. I believe that they might be used in an emergency (ie hurricane) where FLGATE (or is GATEFL) would prove to be a more useful than 30 meters.

Paul

|                                    |   |                      |
|------------------------------------|---|----------------------|
| Paul E. Knupke, Jr.                | * |                      |
| knupke@csee.usf.edu                | * |                      |
| Largo, Florida                     | * | You can fight        |
| Amateur Radio KR4YL                | * | Without ever winning |
| Fidonet 1:3603/570.0               | * | But never ever win   |
| Assistant E.C. Pinellas A.R.E.S.   | * | Without a fight      |
| Florida Contest Group Member       | * | ... Neil Peart       |
| Trustee KE4ZYU/R 224.78 Clearwater | * | "Resist" by RUSH     |

From n2iph@cyberenet.net Sat Oct 26 19:37:27 1996

Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA01001 for <aprssig@tapr.org>; Sat, 26 Oct 1996 19:37:25 -0500 (CDT)

Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp

(Smail3.1.29.1 #7) id m0vHJE8-000NzQC; Sat, 26 Oct 96 20:37 EDT

Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp

(Smail3.1.29.1 #8) id m0vHJDm-0006F8C; Sat, 26 Oct 96 20:36 EDT

Message-ID: <3272AD66.9CC@cyberenet.net>

Date: Sat, 26 Oct 1996 20:31:35 -0400

From: Bob Derderian <n2iph@cyberenet.net>

Reply-To: n2iph@cyberenet.net

Organization: Virtual Construction Co.

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: APRS dicussion group <aprssig@tapr.org>

Subject: broken link to wx symbols chart

Content-Type: multipart/mixed; boundary="-----6D6848F2AA9"

This is a multi-part message in MIME format.

-----6D6848F2AA9

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

For those that may be interested, I found this chart of graphics used on wx charts at a NWS site. You can view it by going to my site (you'll need to add the <http://www.> to make it work), I've purposely made the link broken so those without browsers won't be hurt by the binary file in their junos-style mailboxes. Probably not possible to create these symbols in DosAPRS (comment please Bob), but should be possible in Win/MACaprs (Keith/Mark ?).

73...Bob

www.cyberenet.net/~n2iph/wxkey.gif

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Content-Transfer-Encoding: base64

Content-Disposition: inline; filename="wxkey.gif"

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-----6D6848F2AA9--

From n2iph@cyberenet.net Sat Oct 26 20:01:44 1996

Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id UAA01828 for <aprssig@tapr.org>; Sat, 26  
Oct 1996 20:01:43 -0500 (CDT)

Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp

(Smail3.1.29.1 #7) id m0vHJbi-000NzYC; Sat, 26 Oct 96 21:01 EDT

Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp

(Smail3.1.29.1 #8) id m0vHJbg-0006F8C; Sat, 26 Oct 96 21:01 EDT

Message-ID: <3272B330.4C64@cyberenet.net>

Date: Sat, 26 Oct 1996 20:56:16 -0400

From: Bob Derderian <n2iph@cyberenet.net>

Reply-To: n2iph@cyberenet.net



Organization: Virtual Construction Co.  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: APRS dicussion group <aprssig@tapr.org>  
Subject: SRI 'bout that  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Sorry all,

Thought I had broken the link but forgot to knock off the www. ! So those of you with text-only email accounts will have to ignore the link. The rest can see what I was talking about with out having to go to my site, but of course you are still welcome to.

73...Bob

[cyberenet.net/~n2iph/frontpg.html](http://cyberenet.net/~n2iph/frontpg.html)

From N5RKN@aol.com Sun Oct 27 00:03:33 1996  
Received: from emout07.mail.aol.com (emout07.mx.aol.com [198.81.11.22]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id AAA13658 for <aprssig@tapr.org>; Sun, 27 Oct 1996 00:03:31 -0500 (CDT)  
From: N5RKN@aol.com  
Received: by emout07.mail.aol.com (8.6.12/8.6.12) id BAA26026 for aprssig@tapr.org; Sun, 27 Oct 1996 01:02:59 -0400  
Date: Sun, 27 Oct 1996 01:02:59 -0400  
Message-ID: <961027010259\_341409338@emout07.mail.aol.com>  
To: aprssig@tapr.org  
Subject: Re: Don't read if you are not in Texas & Odessa Hamfest

Hope to catch the College Station crew here. You might also check out our webpage at [www.netwestonline.com/bluebird/radio.htm](http://www.netwestonline.com/bluebird/radio.htm)

Talk-in is 145.470- (88.5tone). Attendance will be 2-3000 over 2 days. We have

over 2 dozen dealers in attendance. They come from Pennsylvania, Utah, Virginia,

Missouri, and of course surrounding states and yes...Texas.

WBOW, Texas Bugcatcher, KCOM, Itech, Bearcat, Battery Tech, Falkner Ent., and many more will be here.

Hope to see the gang here. The Ector County Coliseum, Building C, 42nd & Andrews Highway. Nov 2nd & 3rd (8-5 Sat, 9-2 Sun).

73' Robert N5RKN 915-335-7980

\*\*\*\*\* Please note: To the APRS crew. Sorry for posting this via the board. I'll try to respond directly next time.

From ronald@cyberstreet.com Sun Oct 27 00:07:48 1996  
Received: from mail.cyberstreet.com (pegasus.cyberstreet.com [204.117.207.7]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA15252 for <aprssig@tapr.org>; Sun, 27 Oct 1996 00:07:44 -0500 (CDT)  
Received: from ronald.cyberstreet.com ([207.30.55.23])

by mail.cyberstreet.com (post.office MTA v1.9.3b ID# 114-12414)  
with SMTP id AAA99 for <aprssig@tapr.org>;  
Sun, 27 Oct 1996 01:08:21 -0400

Message-Id: <2.2.32.19961027060820.00694794@mail.cyberstreet.com>

X-Sender: ronald@mail.cyberstreet.com

X-Mailer: Windows Eudora Pro Version 2.2 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Sun, 27 Oct 1996 01:08:20 -0500

To: aprssig@tapr.org

From: Ronald Oblinger <ronald@cyberstreet.com>

Subject: Re: [APRSSIG:5857] Bye,Bye

At 09:35 AM 10/26/96 -0500, you wrote:

>I didn't think I would ever do this but I have decided to give up running  
>APRS altogether.

Bill - I am fairly new to the group, a couple of months. I find your input refreshing and informative. Maybe that's because I don't carry the baggage or ego some of the oldtimers have. Pesonally I wish you would re-consider.

>this is not so easy task about where and how my signal is going and  
>through what digi etc. I had an idea that a certain indivitual was  
>Budlisting my call and am now convinced of that. After watching WA4DSY  
>internet server for a long time i noticed the call WA8INZ never shows on  
>that list. So testing again this morning with me 300W and my stacked  
>13B2's directed right at a digi that does show up in the list all the  
>time (By the way I see that digi direct) I never ever see my or my digi's  
>call show up on that list. When some users are sinking that low to  
>budlist users because of a dissagreement between two people then i don't  
>>want anything to do with such a group. Therefore I will discontinue using  
>APRS and will be removing my APRS webpage from the internet. Sorry there  
>are a great bunch of people on both the sig and those running APRS, but  
>budlisting users is uncalled for. I will leave the digi up and running in  
>Huntsville since I won't sink to that persons level. It's been great  
>while it lasted guys. I have been running APRS pretty near from it's  
>start and have enjoyed it, but there are some people that just will never  
>give up. I know I have upset people both here and while running APRS and  
>i'm sure there are those that will be glad to see me dissapear, and some  
>dislike the fact that I speak and put down in words what i feel and I had  
>always thought this was a free country, but I guess there are those that  
>think a dictatorship would be better. I know my letterwriting is not the  
>best in the world and I don't really have the skills to express myself to  
>well but i'm sure most people got the drift on how I felt. 73 Bill WA8INZ  
>  
>--

>  
> wa8inz@amsat.org  
> wa8inz@cris.com  
>  
>  
73 cu Ron"KD4AMS"

From K1TRS@msn.com Sun Oct 27 05:58:11 1996  
Received: from upsmot01.msn.com (upsmot01.msn.com [204.95.110.78]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id FAA27724 for <aprssig@tapr.org>; Sun, 27 Oct 1996 05:58:10 -0600 (CST)  
Received: from upmajb06 ([204.95.110.89]) by upsmot01.msn.com (8.6.8.1/Configuration 4) with SMTP id DAA22762 for <aprssig@tapr.org>; Sun, 27 Oct 1996 03:56:54 -0800  
Date: Sun, 27 Oct 96 11:57:27 UT  
From: "William Yoreo" <K1TRS@msn.com>  
Message-Id: <UPMAIL05.199610271157100143@msn.com>  
To: aprssig@tapr.org  
Subject: RE: [APRSSIG:5857] Bye,Bye

Bill, This Bill K1TRS in Conn. I won't change what you are doing because of an other operator's activities. If what you are doing is enjoyable to you and of help to others...then continue. Amateur radio is becoming another area that people like to try and control and be the 'most important station' in thier area. This happened with the growth of FM repeaters and Packet Digis in almost every area. I see it to a small degree here in CT. Everyone wants to be a WIDE-RELAY. To see thier call with the Green Star ! It seems everyone wants to control somthing.

Amateur radio is a hobby that should provide enjoyment and should try to help others.

You know you are doing a good job and that your efforts are to help not hurt. Don't let the people who for one reason or another control your enjoyment of the hobby.

73 Bill

k1trs@msn.com

-----  
From: aprssig@tapr.org on behalf of William Nolle  
Sent: Saturday, October 26, 1996 9:35 AM  
To: aprssig@tapr.org  
Subject: [APRSSIG:5857] Bye,Bye

I didn't think I would ever do this but I have decided to give up running APRS altogether. I have for a long time now been doing some checking, and this is not so easy task about where and how my signal is going and through what digi etc. I had an idea that a certain indivitual was Budlisting my call and am now convinced of that. After watching WA4DSY internet server for a long time i noticed the call WA8INZ never shows on that list. So testing again this morning with me 300W and my stacked

13B2's directed right at a digi that does show up in the list all the time (By the way I see that digi direct) I never ever see my or my digi's call show up on that list. When some users are sinking that low to budlist users because of a disagreement between two people then i don't want anything to do with such a group. Therefore I will discontinue using APRS and will be removing my APRS webpage from the internet. Sorry there are a great bunch of people on both the sig and those running APRS, but budlisting users is uncalled for. I will leave the digi up and running in Huntsville since I won't sink to that persons level. It's been great while it lasted guys. I have been running APRS pretty near from it's start and have enjoyed it, but there are some people that just will never give up. I know I have upset people both here and while running APRS and i'm sure there are those that will be glad to see me dissapear, and some dislike the fact that I speak and put down in words what i feel and I had always thought this was a free country, but I guess there are those that think a dictatorship would be better. I know my letterwriting is not the best in the world and I don't really have the skills to express myself to well but i'm sure most people got the drift on how I felt. 73 Bill WA8INZ

--

wa8inz@amsat.org  
wa8inz@cris.com

From TonyDrumm@ibm.net Sun Oct 27 08:30:13 1996  
Received: from smtp-gw01.ca.us.ibm.net (smtp-gw01.ca.us.ibm.net [165.87.201.252])  
by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA03533 for <aprssig@tapr.org>; Sun,  
27 Oct 1996 08:30:12 -0600 (CST)  
Received: (from uucp@localhost) by smtp-gw01.ca.us.ibm.net (8.6.9/8.6.9) id  
OAA14005 for <aprssig@tapr.org>; Sun, 27 Oct 1996 14:30:10 GMT  
Message-Id: <199610271430.OAA14005@smtp-gw01.ca.us.ibm.net>  
Received: from slip166-72-88-75.mn.us.ibm.net(166.72.88.75) by smtp-  
gw01.ca.us.ibm.net via smap (V1.3mjr)  
id smaLqMDmb; Sun Oct 27 14:30:00 1996  
X-Sender: usinet.aa0sm@pop03.ca.us.ibm.net (Unverified)  
X-Mailer: Windows Eudora Version 1.4.3  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sun, 27 Oct 1996 09:32:11 -0600  
To: aprssig@tapr.org  
From: TonyDrumm@ibm.net (Tony Drumm)  
Subject: Re: [APRSSIG:5852] Re: Remote U-II's

>OK, but what about those of us who use TACTICAL CALLSIGNS for the MYCALL and  
>satisfy the ID requirement by including the actual station callsign in the  
>BText? Means that my WX stations can no longer post on maps as MCI, MKC,  
>etc....

>

>Bummer!!!! I'm vain as the next guy but even >I< get tired of seeing 8 or 9  
>posits on the map all with MY callsign on them!

Seems to me this could be fixed by making the WX parsing a tad smarter. I

ran into this bug, too, while I was running my WX station standalone. Only noticed it because I occasionally monitor the station from somewhere else. I've seen other WX stations show up with garbage in their stats, though I don't know if for the same reason. I think if the parsing doesn't yield numbers for each data group, APRS could assume the packet is not really WX data and ignore the "data".

73.

Tony Drumm  
ARS AA0SM

From ddoobbins@juno.com Sun Oct 27 08:34:48 1996  
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA03889 for <aprssig@tapr.org>; Sun, 27 Oct 1996 08:34:46 -0600 (CST)  
Received: (from ddoobbins@juno.com) by x11.boston.juno.com (queuemail) id JAA05093; Sun, 27 Oct 1996 09:34:40 EST  
To: aprssig@tapr.org  
Date: Sun, 27 Oct 1996 07:19:18 PDT  
Subject: BYE BYE FROM BILL  
Message-ID: <19961027.073246.4495.1.ddoobbins@juno.com>  
X-Mailer: Juno 1.15  
X-Juno-Line-Breaks: 5-6,14-20  
From: ddoobbins@juno.com (David S Dobbins)

>From my perspective, Bill/INZ, has been a major contributor to this SIG. Like others have mentioned, I don't always agree with Bill's comments, and think he's too quick on the draw at times, perhaps a reflection of a headstrong personality. I get that too at times. But at least he has something to contribute, and has regularly done that when others didn't have anything to say.

For some unknown reason, Bill has managed to PO the fellow who has locked him out of the digi, and thus loss of primary path. Bill, and other readers: I would find it a greater challenge to resolve that issue, and make whatever changes you need to make to get him to allow you digi privileges again. APRS didn't do it, the SIG didn't do it. YOU did it, so YOU fix it. Maybe you won't be able to resolve it, but that's no reason to give up APRS which has brought incredible interest to packet. In the meantime, keep the station running and the SIG alive with your input.

|                       |                                    |
|-----------------------|------------------------------------|
| David S. Dobbins      | Greater Northwest APRS Coordinator |
| POB 553               | Covering MT, OR, ID, WA            |
| 404 N. Third St       | APRS Freqs: 145.75, 145.79         |
| Pe Ell, WA 98572-0553 |                                    |
| Tel: (360) 291-3707   | Email: ddoobbins@juno.com          |

From rwf@mindspring.com Sun Oct 27 08:47:57 1996  
Received: from answerman.mindspring.com (answerman.mindspring.com [204.180.128.8]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA04148 for <aprssig@tapr.org>; Sun, 27 Oct 1996 08:47:55 -0600 (CST)  
From: rwf@mindspring.com  
Received: from default (borg.mindspring.com [204.180.128.14]) by

answerman.mindspring.com (8.7.5/8.7.3) with SMTP id JAA12277; Sun, 27 Oct 1996 09:51:04 -0500 (EST)  
Message-Id: <3.0b19.32.19961027085225.006f22dc@mindspring.com>  
X-Sender: rwf@mindspring.com  
X-Mailer: Windows Eudora Pro Version 3.0b19 (32)  
Date: Sun, 27 Oct 1996 08:52:30 -0500  
To: aprssig@tapr.org  
Subject: Bad operating example in KPC-3 Manual!  
Cc: support@kantronics.com  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

An APRS user in another area (whom I correspond with via telephone) was using a strange path a while ago. When I realized this, I helped him choose a better path and found that he got the bogus path straight out of the KPC-3 manual!

I am looking at one of the newer manuals right now. It has the GPS supplement bound right into the manual. I'm not sure if the old supplement that was distributed by itself was also affected.

The example in my book is on page B8 in the section where the LTP (GPS beacon path) is set. The manual suggests using a path of : APRS via WIDE,RELAY,RELAY

A seasoned APRS user would see the problem of using RELAY as anything other than the first entry, but this person was kind of new and didn't yet know this.

I hope someone at Kantronics will see this and see that the manual gets corrected next time around. All the rest of us should help new KPC-3 users make sure they know that the example is incorrect.

The last time someone ended his path in RELAY around here, it was a guy in a plane beaconing very often! Talk about QRM. Heard him for hundreds of mikes. I almost got beheaded because of the QRM to the TV every minute when the XYL was trying to watch a movie she'd waited months to see. (the APRS and TV antennas are \*very close\* at my remote WX site).

Ralph Fowler, N4NEQ , S.E.R.A. Amateur Television Technical Advisor  
Atlanta, GA USA  
Internet Email: rwf@mindspring.com      Pager Email: 7647836@skytel.com  
2 way pager: 1 (800) 764-7836  
<http://www.mindspring.com/~rwf>      for APRS, ATV, Balloon, and Ham info  
My hobby is tracking Vehicles and other things using Ham Radio and APRS.  
Ask me how!

From n2czf@magg.net Sun Oct 27 09:35:00 1996  
Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA06031; Sun, 27 Oct 1996 09:34:57 -0600 (CST)

Received: from Cybergate (wpb-117.magg.net [205.218.112.117]) by grumpy.magg.net (8.8.0/8.8.0-Zaph-1) with SMTP id KAA29856; Sun, 27 Oct 1996 10:34:54 -0500  
Message-Id: <199610271534.KAA29856@grumpy.magg.net>  
X-Sender: n2czf@magg.net  
X-Mailer: Windows Eudora Version 1.4.3  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sat, 26 Oct 1996 15:32:57 -0400  
To: aprssig@tapr.org  
From: n2czf@magg.net (Richard Garcia)  
Subject: Re: [APRSSIG:5875] Re: Remote U-II's  
Cc: aprs-fl@tapr.org

I see the same thing with several WX stations in this state. Seems that the U-II's are not set up correctly or are damaged, one or the other. I set a lot of them with no data, just a wind direction and speed, and some with a wind speed that makes no sense, it is always showing 5 or 7 mph. Bob can something be done about this with the program ?

EDITED>>

>I've seen other WX stations show up with garbage in their stats, though I  
>don't know if for the same reason. I think if the parsing doesn't yield  
>numbers for each data group, APRS could assume the packet is not really WX  
>data and ignore the "data".

>

>73.

>Tony Drumm

>ARS AA0SM

>

>

73's Rich N2CZF

Jupiter Farms Florida

n2czf@magg.net

(E-Mail)

<http://www.magg.net/~n2czf>

(Personal)

<http://www.magg.net/~n2czf/aprs.html>

(Florida APRS)

<http://www.magg.net/~n2czf/brothers.html> (Brothers to the Rescue Human Rights Group)

From joefoor@digitalexp.com Sun Oct 27 10:26:35 1996

Received: from mail.digitalexp.com (dns.digitalexp.com [204.49.137.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA08022 for <aprssig@tapr.org>; Sun, 27 Oct 1996 10:26:33 -0600 (CST)

Received: from dial-10.marianna.fl.digitalexp.com ([204.49.137.59])

by mail.digitalexp.com (post.office MTA v1.9.3b

\*\*\*\* trial license expired \*\*\*\*) with SMTP id AAA187

for <aprssig@tapr.org>; Sun, 27 Oct 1996 10:25:47 -0600

X-Sender: joefoor@digitalexp.com

X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: joefoor@digitalexp.com (Foor, Joe)

Subject: Re: [APRSSIG:5857] Bye,Bye

Date: Sun, 27 Oct 1996 10:25:47 -0600

Message-ID: <19961027162545648.AAA187@dial-10.marianna.fl.digitalexp.com>

In a message dated Saturday, October 26, 1996, Bill wrote;

>I didn't think I would ever do this but I have decided to give up running  
>APRS altogether. I have for a long time now been doing some checking, and  
>this is not so easy task about where and how my signal is going and  
>through what digi etc. I had an idea that a certain individual was  
>Budlisting my call and am now convinced of that.

I'm sorry to hear that you are letting someone else determine your actions, Bill.

Look at it this way. Someone who would put a digi callsign in his Suppress list, will probably run out of room for all the people he dislikes, since the list in the TNC is limited. As APRS continues to grow, he'll find other people to be pissed at. Just ignore him completely and he will eventually erase your call sign, to put someone elses in there (someone more emotionally satisfying, in their response to his petty action).

regards,  
Joe kf4dys

From joefoor@digitalexp.com Sun Oct 27 10:47:15 1996

Received: from mail.digitalexp.com (dns.digitalexp.com [204.49.137.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA08657 for <aprssig@tapr.org>; Sun, 27 Oct 1996 10:47:14 -0600 (CST)

Received: from dial-28.chipley.fl.digitalexp.com ([204.49.137.77]) by mail.digitalexp.com (post.office MTA v1.9.3b \*\*\*\* trial license expired \*\*\*\*) with SMTP id AAA190 for <aprssig@tapr.org>; Sun, 27 Oct 1996 10:46:29 -0600

X-Sender: joefoor@digitalexp.com

X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: joefoor@digitalexp.com (Foor, Joe)

Subject: Re: Bye Bye

Date: Sun, 27 Oct 1996 10:46:29 -0600

Message-ID: <19961027164627944.AAA190@dial-28.chipley.fl.digitalexp.com>

Just checked my HEARD listing and found this;

WA8INZ-7\* 10/27/96 11:21:05

Glad to see you left it on the air, Bill.

regards,  
Joe kf4dys

From ku0g@sprynet.com Sun Oct 27 13:47:16 1996



Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA15232 for <aprssig@tapr.org>; Sun, 27 Oct 1996 13:47:15 -0600 (CST)

Received: from JIMDUNCA (TS1-P23.WWI.NET [204.153.64.123]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id LAA03130 for <aprssig@tapr.org>; Sun, 27 Oct 1996 11:47:11 -0800

Date: Sun, 27 Oct 1996 11:47:11 -0800

Message-Id: <199610271947.LAA03130@m1.sprynet.com>

X-Sender: ku0g@m1.sprynet.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: James Duncan <ku0g@sprynet.com>

Subject: Re: [APRSSIG:5877] Bad operating example in KPC-3 Manual!

At 08:50 10/27/96 -0600, you wrote:

>An APRS user in another area (whom I correspond with via telephone) was  
>using a strange path a while ago. When I realized this, I helped him  
>choose a better path and found that he got the bogus path straight out of  
>the KPC-3 manual!

>

>I am looking at one of the newer manuals right now. It has the GPS  
>supplement bound right into the manual. I'm not sure if the old supplement  
>that was distributed by itself was also affected.

>

>The example in my book is on page B8 in the section where the LTP (GPS  
>beacon path) is set. The manual suggests using a path of : APRS via  
>WIDE,RELAY,RELAY

>

>A seasoned APRS user would see the problem of using RELAY as anything other  
>than the first entry, but this person was kind of new and didn't yet know  
>this.

>

>I hope someone at Kantronics will see this and see that the manual gets  
>corrected next time around. All the rest of us should help new KPC-3 users  
>make sure they know that the example is incorrect.

>

>The last time someone ended his path in RELAY around here, it was a guy in  
>a plane beaconing very often! Talk about QRM. Heard him for hundreds of  
>mikes. I almost got beheaded because of the QRM to the TV every minute  
>when the XYL was trying to watch a movie shed waited months to see. (the  
>APRS and TV antennas are \*very close\* at my remote WX site).

>

>

>

>

>Ralph Fowler, N4NEQ , S.E.R.A. Amateur Television Technical Advisor  
>Atlanta, GA USA

>Internet Email: [rwf@mindspring.com](mailto:rwf@mindspring.com) Pager Email: 7647836@skytel.com  
> 2 way pager: 1 (800) 764-7836

><http://www.mindspring.com/~rwf> for APRS, ATV, Balloon, and Ham info

>My hobby is tracking Vehicles and other things using Ham Radio and APRS.

> Ask me how!

>

I am forwarding a copy of this message to the Kantronics people immediately.

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Sun Oct 27 14:03:48 1996  
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id OAA16085 for <aprssig@tapr.org>; Sun, 27 Oct 1996  
14:03:46 -0600 (CST)  
Received: from JIMDUNCA (TS1-P23.WWI.NET [204.153.64.123]) by m1.sprynet.com  
(8.6.12/8.6.12) with SMTP id MAA05555 for <aprssig@tapr.org>; Sun, 27 Oct 1996  
12:03:43 -0800  
Date: Sun, 27 Oct 1996 12:03:43 -0800  
Message-Id: <199610272003.MAA05555@m1.sprynet.com>  
X-Sender: ku0g@m1.sprynet.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: James Duncan <ku0g@sprynet.com>  
Subject: Re: [APRSSIG:5880] Re: Bye Bye

OK, I've stayed out of this one long enough without opening my mouth so  
watch out!!!

I do not know how you have dealt with the other APRS users in your area,  
Bill, but I DO know how you've dealt with your fellow SIG members over the  
past year or so!

You and I do not always agree on things and I suspect that this will  
continue to be the case, not only with me but with others also.

On many occasions you have posted very terse and angry commentary on this  
SIG. You have bashed others repeatedly out of anger or misunderstanding. I  
recall a particular bashing of N4NEQ (Ralph) in which you attacked him  
publicly about some crystals that you had apparently loaned to him.

Picking up your toys and going home mad is NOT the way to deal with the  
problems you are now having in your home area. Maybe it's time to make some  
public apologies then perhaps you would find yourself welcomed back onto the  
digipeater! I don't know if that would help or not but without hearing both  
sides of the story it's hard to determine who is at fault.

I do know that locking a packet user out of a digipeater/network is usually  
the absolute last resort when an operator either refuses to cooperate or  
work within the gentlemen's agreements that we all try to live by.

I ENCOURAGE you to make contact with the digipeater sysops and (nicely) ask  
for an explanation of the rationale for locking you out. I would also

encourage you to work WITH those in your immediate area.

You DO make a positive contribution to the APRS SIG the majority of the time and I would hate to see you leave but if you are REALLY fed up, then that's probably the best thing you can do for yourself. I am just sorry to see all of your efforts with the web page and so forth go down the tubes and hope that you will consider trying to work things out in Alabama with your neighbors.

Good luck!

73 de Jim, KU0G

Chairman/Coordinator

Kansas City APRS Working Group

EMail: ku0g@sprynet.com

From sdimse@bridge.net Sun Oct 27 14:56:51 1996

Received: from brickell.bridge.net (root@brickell.bridge.net [204.253.4.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id OAA17956 for <aprssig@tapr.org>; Sun, 27 Oct 1996 14:56:50 -0600 (CST)

Received: from bridge.net (newworld.bridge.net [204.253.4.4]) by brickell.bridge.net (8.7.6/8.7.3) with ESMTP id PAA16344 for <aprssig@tapr.org>; Sun, 27 Oct 1996 15:54:18 -0500

Received: from (dd49-190.compuserve.com [199.174.181.190]) by bridge.net (8.7.5/8.7.3) with SMTP id PAA20877 for <aprssig@tapr.org>; Sun, 27 Oct 1996 15:52:34 -0500 (EST)

Message-Id: <199610272052.PAA20877@bridge.net>

Subject: javAPRS

Date: Sun, 27 Oct 96 15:56:36 -0500

x-sender: sdimse@mail.bridge.net

x-mailer: Claris Emailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

I have fixed the problem with Netscape 3.0 and Windows 95, although I don't know how. For the programming aware among you, the problem was that sometimes the program would give up on parsing a string that was valid, for no reason that I could determine. Adding a dummy assign to the program before where it would give up solved the problem. This error only occurred under NS3/W95, not with Mac/NS3, or NS2/W95. It seems to be some strange concurrency bug in the just-in-time Java compiler in NS3 for W95. I've sent my comments to Netscape but haven't heard anything from them.

In any case, javAPRS 0.9b2 is up on the TAPR server, and all who have javAPRS on their web pages should upgrade. Using version 0.8b(x) will prevent NS3/W95 users from seeing any station that includes time info (digis and stand-alone trackers/WX work fine).

73 de Steve K04HD

From n2czf@magg.net Sun Oct 27 15:24:00 1996

Received: from grumpy.magg.net (root@grumpy.magg.net [205.218.112.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA19235; Sun, 27 Oct 1996 15:23:57 -0600 (CST)

Received: from Cybergate (wpb-115.magg.net [205.218.112.115]) by grumpy.magg.net (8.8.0/8.8.0-Zaph-1) with SMTP id QAA12802; Sun, 27 Oct 1996 16:23:51 -0500  
Message-Id: <199610272123.QAA12802@grumpy.magg.net>  
X-Sender: n2czf@magg.net  
X-Mailer: Windows Eudora Version 1.4.3  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sat, 26 Oct 1996 21:22:00 -0400  
To: aprssig@tapr.org  
From: n2czf@magg.net (Richard Garcia)  
Subject: 6M Frequency Proposal  
Cc: aprs-fl@tapr.org

Ok nuff is enough, some of us have spoken about 6M and today I saw a BLN on my screen that someone was listening to 50.62, seems that the time has come to get serious. Previously I posted a message RE: the 50.62 frequency choice and how it has quite a few downfalls. For the past 2 or so months after posting that message I have been listening to 51.68 and 51.18 in the SE Florida area and have heard no activity at all.

This frequency pair is recommended by the ARRL Repeater Directory, I know I know they are not the final word on frequency choices (I do not want to start anything all over again) but it is was a place to start. I would like anyone with 6M capability to listen to 51.680 and 51.180 and give me some input on it from your area. I am preparing to submit a request to get this pair assigned as a an APRS frequency in the state of Florida and it would be nice if we can all do the same as we have tried with 145.79. I know that CA may be a problem since most EVERYTHING is tied up already but this is to be expected.

BTW this pair is exactly that a pair suggested for a DIGITAL REPEATER. Why in the world they would suggest that I have no idea, but we can just use the output for regular digi's and if anyone has the inclination to build a repeater then they have the input for their disposal. 51.180 is the Input and 51.68 is the output I am suggesting 51.68 as the APRS frequency since it is the closest suggestion to the normal FM Sub-Band for SWR considerations.

73's Rich N2CZF

Jupiter Farms Florida

n2czf@magg.net

(E-Mail)

<http://www.magg.net/~n2czf>

(Personal)

<http://www.magg.net/~n2czf/aprs.html>

(Florida APRS)

<http://www.magg.net/~n2czf/brothers.html> (Brothers to the Rescue Human Rights Group)

From wa8inz@concentric.net Sun Oct 27 15:55:49 1996

Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA20887 for <aprssig@tapr.org>; Sun, 27 Oct 1996 15:55:48 -0600 (CST)

Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])

by tribune.concentric.net (8.7.5/(96/10/25 1.9))

id QAA22007; Sun, 27 Oct 1996 16:55:45 -0500 (EST)

[1-800-745-2747 The Concentric Network]

Errors-To: <wa8inz@concentric.net>

Received: from LOCALNAME (61046d00021a.concentric.net [206.173.236.134])  
by cliff.cris.com (8.8.0)  
id QAA05920; Sun, 27 Oct 1996 16:55:43 -0500 (EST)  
Message-ID: <3274047C.BEC@concentric.net>  
Date: Sun, 27 Oct 1996 16:55:24 -0800  
From: William Nolle <wa8inz@concentric.net>  
Organization: None  
X-Mailer: Mozilla 2.01 (Win16; U)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5880] Re: Bye Bye  
References: <19961027164627944.AAA190@dial-28.chipley.fl.digitalexp.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Foor, Joe wrote:

>  
> Just checked my HEARD listing and found this;  
>  
> WA8INZ-7\* 10/27/96 11:21:05  
>  
> Glad to see you left it on the air, Bill.  
>  
> regards,  
> Joe kf4dys

I want to make it clear that my digi will stay up and running. I don't  
want to punish regular users of it because of personal dissagreements  
with someone.

--

wa8inz@amsat.org  
wa8inz@cris.com

From 71301.3106@CompuServe.COM Sun Oct 27 16:14:22 1996  
Received: from arl-img-1.compuserve.com (arl-img-1.compuserve.com  
[149.174.217.131]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA21534 for  
<aprssig@tapr.org>; Sun, 27 Oct 1996 16:14:20 -0600 (CST)  
Received: by arl-img-1.compuserve.com (8.6.10/5.950515)  
id RAA05571; Sun, 27 Oct 1996 17:13:49 -0500  
Date: 27 Oct 96 17:12:06 EST  
From: Mike Musick <71301.3106@CompuServe.COM>  
To: <aprssig@tapr.org>  
Subject: Re: GPS-20 question  
Message-ID: <961027221205\_71301.3106\_FHJ44-1@CompuServe.COM>

Mel wrote -

>...am having trouble getting the GPS-20 to accept input from the  
>Newton. It may be a cabling problem, since the Newton is RS-422 and I'm not  
>sure whether it thinks it is serial or appletalk network. I got the cable  
>hookup for Macs a couple days ago, and will probably try that this weekend.

The Mac cable configuration may be your key, Mel, though you obviously have the at least the GPS output wired right because otherwise you'd see nothing at all on the Newton. It is not necessary to use RS422 adapters, as all you have to do is use a specific TXD lead (I forget which one... "TXD-", I think) as the functional equivalent of RS232 TXD against data ground. While the 422 and 232 specs don't seem like they're compatible, Apple's implementation of 422 is little more than 232 with differential drivers.

I've had no trouble using both a GPS-45 and an old Magnavox 4200 with my Newtons. You might want to know that, to save energy, AppleTalk is not enabled on the Newton unless the application is specifically looking for AppleTalk services. So this means that any serial program you're using (TermLimit, maybe?) doesn't have to worry about running interference against AppleTalk protocols.

However, unless I'm mistaken the GPS-20 should cold-start without any external encouragement. My guess is that there is another problem, unrelated to your serial interface.

...mike/N0QBF

From geoff@maf.mobile.al.us Sun Oct 27 16:41:01 1996  
Received: from ns1.maf.mobile.al.us (ns1.maf.mobile.al.us [206.202.0.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA22551 for <aprssig@tapr.org>; Sun, 27 Oct 1996 16:40:59 -0600 (CST)  
Received: from ns1 by ns1.maf.mobile.al.us (5.x/SMI-SVR4) id AA14544; Sun, 27 Oct 1996 16:37:44 -0600  
Date: Sun, 27 Oct 1996 16:37:44 -0600 (CST)  
From: Geoff Peacock <geoff@maf.mobile.al.us>  
X-Sender: geoff@ns1  
To: aprssig@tapr.org  
Subject: Map data from remote U2000  
Message-Id: <Pine.SOL.3.91.961027163121.13945C-1000000@ns1>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have an Ultimeter 2000 set up remotely. What follows is an example of its packets. I get the blue dot but no wind direction indicator from the dot or any data on screen when it is selected with the (n), or when (W)x, (D)isplay, (T)emp (I think thats the sequence) options are turned on.

WB4QEV-3>APRS,K4ZM-1:!3031.31N/08807.31W\_  
WB4QEV-3>GPS:!!00590084030903B1-----03D7-----012C04ED04070050  
WB4QEV-3>GPS:!!00460093030903B1-----03D7-----012C04EE04070046

Can you tell what I may have set wrong. Using PacComm Tiny 2

Thanks.

Geoff Peacock  
KD4GOE

'''  
(o o)  
o00\_\_( )\_\_00o\_

geoff@maf.mobile.al.us

(334) 405-4600

From ku0g@sprynet.com Sun Oct 27 17:34:09 1996  
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id RAA25322 for <aprssig@tapr.org>; Sun, 27 Oct 1996  
17:34:08 -0600 (CST)  
Received: from JIMDUNCA (TS1-P23.WWI.NET [204.153.64.123]) by m1.sprynet.com  
(8.6.12/8.6.12) with SMTP id PAA11743 for <aprssig@tapr.org>; Sun, 27 Oct 1996  
15:34:05 -0800  
Date: Sun, 27 Oct 1996 15:34:05 -0800  
Message-Id: <199610272334.PAA11743@m1.sprynet.com>  
X-Sender: ku0g@m1.sprynet.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: James Duncan <ku0g@sprynet.com>  
Subject: Re: [APRSSIG:5887] Map data from remote U2000

At 16:45 10/27/96 -0600, you wrote:

>I have an Ultimeter 2000 set up remotely. What follows is an example of  
>its packets. I get the blue dot but no wind direction indicator from the  
>dot or any data on screen when it is selected with the (n), or when (W)x,  
>(D)isplay, (T)emp (I think thats the sequence) options are turned on.

>

>

>WB4QEV-3>APRS,K4ZM-1:!3031.31N/08807.31W\_  
>WB4QEV-3>GPS:!!00590084030903B1----03D7-----012C04ED04070050  
>WB4QEV-3>GPS:!!00460093030903B1----03D7-----012C04EE04070046

>

>Can you tell what I may have set wrong. Using PacComm Tiny 2

>

>Thanks.

>

>Geoff Peacock

>KD4GOE

>-----o00\_\_( )\_\_00o\_

>geoff@maf.mobile.al.us (334) 405-4600

>

Looks like you need to change the path from GPS to WX. Am I right that APRS  
looks for the WX and then knows that the data that follows is weather node  
data???

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@sprynet.com

From martinbw@telalink.net Sun Oct 27 17:51:36 1996  
Received: from eve.telalink.net (eve.telalink.net [199.1.88.3]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id RAA25953 for <aprssig@tapr.org>; Sun, 27 Oct 1996  
17:51:34 -0600 (CST)  
Received: from oscar.telalink.net (nash-pm2-s27.telalink.net [205.241.232.92]) by

eve.telalink.net (Telalink-MTA/5.2n) with SMTP id RAA09134 for <aprssig@tapr.org>;  
Sun, 27 Oct 1996 17:51:28 -0600 (CST)  
X-Mailer: InterCon tcpCONNECT4 4.0 (Macintosh)  
MIME-Version: 1.0  
Message-Id: <9610271751.AA28296@oscar.telalink.net>  
Date: Sun, 27 Oct 1996 17:51:28 -0600  
From: "Bruce W. Martin" <martinbw@telalink.net>  
To: aprssig@tapr.org  
Subject: Re: Bye Bye  
Content-Type: Text/Plain; charset=US-ASCII  
Content-Disposition: Inline

Bravo, well said.

Bruce, KQ4TV

> OK, I've stayed out of this one long enough without opening my mouth  
> so watch out!!!  
>  
> ---- Snip -----  
>  
> On many occasions you have posted very terse and angry commentary on  
> this SIG. You have bashed others repeatedly out of anger  
> or misunderstanding.  
>  
> ---- Snip -----  
>  
> I ENCOURAGE you to make contact with the digipeater sysops and  
> (nicely) ask for an explanation of the rationale for locking you out.  
> I would also encourage you to work WITH those in your immediate area.  
>  
> You DO make a positive contribution to the APRS SIG the majority of  
> the time and I would hate to see you leave but if you are REALLY fed  
> up, then that's probably the best thing you can do for yourself. I  
> am just sorry to see all of your efforts with the web page and so forth  
> go down the tubes and hope that you will consider trying to work  
> things out in Alabama with your neighbors.  
>  
> Good luck!  
> 73 de Jim, KU0G  
> Chairman/Coordinator  
> Kansas City APRS Working Group  
> EMail: ku0g@sprynet.com  
>

--

\*\*\*\*\*  
\* Bruce W. Martin                   Internet: martinbw@telalink.net   \*  
\* 4558 Brooke Valley Dr.       HAM Call: KQ4TV                   \*  
\* Hermitage TN 37076-2650   Voice:       (615) 872-7733           \*  
\* FAX/MODEM: (615) 872-0045       APRS:3610.50N/08635.50W       \*  
\* "Never ask what sort of computer a guy drives.                \*  
\*\*\*\*\*



\* If he's a Mac user, he'll tell you. \*  
\* If not, why embarrass him?" -- Tom Clancy \*  
\*\*\*\*\*

From TCox17892@aol.com Sun Oct 27 18:34:58 1996  
Received: from emout12.mail.aol.com (emout12.mx.aol.com [198.81.11.38]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA27680 for <aprssig@tapr.org>; Sun, 27  
Oct 1996 18:34:56 -0600 (CST)  
From: TCox17892@aol.com  
Received: by emout12.mail.aol.com (8.6.12/8.6.12) id TAA20237 for  
aprssig@tapr.org; Sun, 27 Oct 1996 19:34:25 -0500  
Date: Sun, 27 Oct 1996 19:34:25 -0500  
Message-ID: <961027193424\_133342930@emout12.mail.aol.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5886] Re: GPS-20 question

>Mel wrote -  
>  
> >...am having trouble getting the GPS-20 to accept input from the  
> >Newton.

Even if wiring is correct, GPS 20 ignores commands that are incorrect. Note  
that the checksum shown in the documentation is not required, but the  
asterisk, C/R, and L/F are all required, and in that order.

From henryvb@dpliv.com Sun Oct 27 19:54:17 1996  
Received: from pcweb.dpliv.com (pcweb.dpliv.com [206.31.254.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id TAA00595 for <aprssig@tapr.org>; Sun, 27 Oct 1996  
19:54:13 -0600 (CST)  
Received: from ns.dpliv.com ([206.31.254.54]) by pcweb.dpliv.com (8.7.4/8.7.3)  
with SMTP id UAA04676 for <aprssig@tapr.org>; Sun, 27 Oct 1996 20:56:01 -0600  
Message-ID: <32741193.6861@dpliv.com>  
Date: Sun, 27 Oct 1996 19:51:15 -0600  
From: henryvb <henryvb@dpliv.com>  
Reply-To: henryvb@dpliv.com  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: leaving the sig  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

This is now the 3rd time (that I know of) that this individual has  
crybabbled to the SIG that he was packing his dolls and dishes and  
leaving the SIG/APRS/whatever. If someone wants to leave, goodbye. I'm  
getting sick of seeing all the "oh don't leave us" messages (5 of 17 in  
this digest alone), and would be willing to bet that all this individual  
is looking for is to have his ego stroked by everyone telling him how  
valuable he is.

Time for the next topic.

Henry

From wd4cq@juno.com Sun Oct 27 20:53:30 1996  
Received: from x11.boston.juno.com (x11.boston.juno.com [205.231.100.26]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA02948 for <apr@tapr.org>; Sun, 27 Oct 1996 20:53:24 -0600 (CST)  
Received: (from wd4cq@juno.com) by x11.boston.juno.com (queuemail) id VAA05824; Sun, 27 Oct 1996 21:47:43 EST  
To: apr@tapr.org  
Subject: Re: BAND OPENING 10-27-96  
Message-ID: <19961029.082842.4551.0.WD4CQ@juno.com>  
References: <199610220752.HAA14618@sneezy.midtenn.net>  
X-Mailer: Juno 1.15  
X-Juno-Line-Breaks: 0-9  
From: wd4cq@juno.com (Kenneth I Mathews)  
Date: Sun, 27 Oct 1996 21:47:43 EST

Here is list of some stations heard into Crossville, Tennessee.

WD8NEE-10  
KB8VBE  
WB8YUS-4  
KB8OTL  
N8AJ0-10  
KB8VEE  
KB8VOT-10  
KR40L  
KD4SXP

From bruninga@nadn.navy.mil Sun Oct 27 21:10:20 1996  
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA03516 for <apr@tapr.org>; Sun, 27 Oct 1996 21:10:19 -0600 (CST)  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id WAA25638 for <apr@tapr.org>; Sun, 27 Oct 1996 22:15:26 -0500 (EST)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs  
Date: Sun, 27 Oct 1996 22:15:26 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
X-Sender: bruninga@arctic  
To: apr@tapr.org  
Subject: Re: [APRSSIG:5845] Re: Remote U-II's  
In-Reply-To: <Pine.SOL.3.91.961025133149.11512C-100000@ns1>  
Message-ID: <Pine.GSO.3.95.961027221316.25462C-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 25 Oct 1996, Geoff Peacock wrote:

> Another question....does the packet mode of the 2000 work w/aprs or  
> should I keep it in the gps mode ?

ANSWER: The U-2000 should be in data logging mode if used locally. It should also be in the data logging mode if used remotely too. This requires a GPS capable TNC to do the timing of packets. The U-2000 packet

mode should not be used...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From leeb@hargray.com Sun Oct 27 21:11:20 1996  
Received: from fern.hargray.com (fern.hargray.com [205.218.96.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA03536 for <aprssig@tapr.org>; Sun, 27 Oct 1996 21:11:19 -0600 (CST)  
Received: from xl37.hargray.com (xl37.hargray.com [205.218.96.67]) by fern.hargray.com (8.7.5/8.7) with SMTP id WAA15917 for <aprssig@tapr.org>; Sun, 27 Oct 1996 22:11:10 -0500 (EST)  
Date: Sun, 27 Oct 1996 22:11:10 -0500 (EST)  
Message-Id: <199610280311.WAA15917@fern.hargray.com>  
X-Sender: leeb@hargray.com  
X-Mailer: Windows Eudora Version 1.4.4  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: leeb@hargray.com (Lee Bradley)  
Subject: Re: [APRSSIG:5891] leaving the sig

>  
>Time for the next topic.  
>

HEAR HEAR!!!!!!  
"A mature person is one..who is able to be objective  
even when deeply stirred emotionally." (Eleanor Roosevelt)  
and "when ye encounter disbelievers, strike off their heads."  
(The Koran, XLVII)

From bruninga@nadn.navy.mil Sun Oct 27 21:16:53 1996  
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA03780 for <aprssig@tapr.org>; Sun, 27 Oct 1996 21:16:52 -0600 (CST)  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id WAA26745 for <aprssig@tapr.org>; Sun, 27 Oct 1996 22:22:01 -0500 (EST)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs  
Date: Sun, 27 Oct 1996 22:22:01 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5850] Re: Sailboats and APRS.  
In-Reply-To: <Pine.GS0.3.95.961025124915.26746G-1000000@spork.callamer.com>  
Message-ID: <Pine.GS0.3.95.961027221626.25462D-1000000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 25 Oct 1996, Clifford Buttschardt wrote:

> Along with a few others I am a sailboater with an interest in power  
> conservation too. If it would be possible to turn off the beacon easily  
> with a single command it would be most useful! Cliff Buttschardt K7RR

APRSdos REPLY/COMMENT: Understood, but your beacon is your status packet.  
It should be maintained up to date with your current intentions if  
uneway. That's where you tell folks your next port, ETA, fuel and water  
status, etc.... Oh, at 1 packet every 15 minutes the cost is .3 % of 20  
amps or about 60 ma average power. Compared to probably 1500 ma just for  
your receiver, its not worth turning off....in my opinion, hi hi

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Sun Oct 27 21:35:05 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA04700 for <aprssig@tapr.org>; Sun, 27  
Oct 1996 21:35:04 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil  
(8.7.5/8.7.3) with SMTP id WAA27053 for <aprssig@tapr.org>; Sun, 27 Oct 1996  
22:40:13 -0500 (EST)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Sun, 27 Oct 1996 22:40:12 -0500 (EST)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5852] Re: Remote U-II's

In-Reply-To: <199610260142.SAA05248@m1.sprynet.com>

Message-ID: <Pine.GSO.3.95.961027223824.25462J-100000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 25 Oct 1996, James Duncan wrote:

> At 08:32 10/25/96 -0500, you wrote:

> >I figured out what is going on with remote U-II's....

> >...Make the BText only contain the posit and no text.

> >

> >I would like for the BText to contain some other info, but havent figured

> >out how I want to do that yet. So for now, cut the BText to POSIT only.

> >

> OK, but what about those of us who use TACTICAL CALLSIGNS for the MYCALL and

> satisfy the ID requirement by including the actual station callsign in the

> BText? Means that my WX stations can no longer post on maps as MCI, MKC,

APRSdos REPLY/COMMENT: Hummh..... Ill keep working on it...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Sun Oct 27 21:44:29 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTTP id VAA05000 for <aprssig@tapr.org>; Sun, 27 Oct 1996 21:44:27 -0600 (CST)  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id WAA27152 for <aprssig@tapr.org>; Sun, 27 Oct 1996 22:49:36 -0500 (EST)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs  
Date: Sun, 27 Oct 1996 22:49:36 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Daylight time AND FADE tip  
Message-ID: <Pine.GS0.3.95.961027224247.25462K-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

TIPS OF THE WEEK: Use the alt-S-OTHER-ZONE command to change your UTC offset back to standard time. Then FILE-DOS to change your PC time, then alt-S-SAVE to make the change permanent (till spring).

APRS TIDBIT. Ever wonder why BK files from other people load up with no one faded to gray, while yours are?

Simple, if you load a backup file with your call as the first station, then APRS knows you saved the file and therefore it preserves the oldness of old packets. If, however, you load a file that was saved by someone else, then APRS always sets CONTROLS-FILTERS-FADE to OFF because of course the file is old and no one wants to see everyone faded....

Oh, if you turn FADE off, tho it will revert to ON again after 2 hours...

Just thought you'd like to know...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadn.navy.mil Sun Oct 27 21:55:37 1996  
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTTP id VAA05591 for <aprssig@tapr.org>; Sun, 27 Oct 1996 21:55:35 -0600 (CST)  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id XAA27353 for <aprssig@tapr.org>; Sun, 27 Oct 1996 23:00:44 -0500 (EST)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs  
Date: Sun, 27 Oct 1996 23:00:43 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5860] Re: Maps & Longitude Latitude Co-ordinates  
In-Reply-To: <CMM-RU.1.5.846342132.ksproul@hardees.rutgers.edu>  
Message-ID: <Pine.GS0.3.95.961027225846.25462L-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 26 Oct 1996, Keith Sproul wrote:

> I can make maps of anyplace in the world from the Digital Chart of the World  
> CD-ROM. I will then put them up on the FTP sites..

APRSdos REPLY/COMMENT: Keith, if you would tell us the format and/or how  
to read the Win/Mac maps, then several of us could write a conversion  
routine so that we could build multiple DOS maps from your maps...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Sun Oct 27 22:26:50 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA07142 for <aprssig@tapr.org>; Sun, 27  
Oct 1996 22:26:49 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil  
(8.7.5/8.7.3) with SMTP id XAA27752 for <aprssig@tapr.org>; Sun, 27 Oct 1996  
23:31:57 -0500 (EST)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Sun, 27 Oct 1996 23:31:57 -0500 (EST)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5877] Bad operating example in KPC-3 Manual!

In-Reply-To: <3.0b19.32.19961027085225.006f22dc@mindspring.com>

Message-ID: <Pine.GS0.3.95.961027233027.25462N-1000000@arctic>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 27 Oct 1996 rwf@mindspring.com wrote:

> choose a better path and found that he got the bogus path straight out of  
> the KPC-3 manual!  
> The example in my book is on page B8 in the section where the LTP (GPS  
> beacon path) is set. The manual suggests using a path of : APRS via  
> WIDE,RELAY,RELAY

APRSdos REPLY/COMMENT: ABSOLUTELY! I found that in the supplement over a  
year ago and WROTE them to change it. If they haven't, then that is a BIG  
problem!

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Sun Oct 27 22:30:43 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA07330 for <aprssig@tapr.org>; Sun, 27  
Oct 1996 22:30:41 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil  
(8.7.5/8.7.3) with SMTP id XAA27798 for <aprssig@tapr.org>; Sun, 27 Oct 1996  
23:35:50 -0500 (EST)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Sun, 27 Oct 1996 23:35:49 -0500 (EST)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5878] Re: Remote U-II's  
In-Reply-To: <199610271534.KAA29856@grumpy.magg.net>  
Message-ID: <Pine.GSO.3.95.961027233410.25462P-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 27 Oct 1996, Richard Garcia wrote:

> lot of them with no data, just a wind direction and speed, and some with a  
> wind speed that makes no sense, it is always showing 5 or 7 mph. Bob can  
> something be done about this with the program ?

APRSdos REPLY/COMMENT: Sorry, but the above statement doesnt justify my  
tearing apart APRS. 5 to 7 MPH seems like a perfectly valid wind speed to  
me... If there is no rain gage, then there is no other data except for  
temperature...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Sun Oct 27 22:39:43 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA07824 for <aprssig@tapr.org>; Sun, 27  
Oct 1996 22:39:42 -0600 (CST)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil  
(8.7.5/8.7.3) with SMTP id XAA27865 for <aprssig@tapr.org>; Sun, 27 Oct 1996  
23:44:50 -0500 (EST)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Sun, 27 Oct 1996 23:44:50 -0500 (EST)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5887] Map data from remote U2000  
In-Reply-To: <Pine.SOL.3.91.961027163121.13945C-100000@ns1>  
Message-ID: <Pine.GSO.3.95.961027234336.25462R-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 27 Oct 1996, Geoff Peacock wrote:

> I have an Ultimeater 2000 set up remotely. What follows is an example of  
> its packets. I get the blue dot but no wind direction indicator from the  
>  
> WB4QEV-3>APRS,K4ZM-1:13031.31N/08807.31W\_  
> WB4QEV-3>GPS:!!00590084030903B1-----03D7-----012C04ED04070050  
> WB4QEV-3>GPS:!!00460093030903B1-----03D7-----012C04EE04070046

APRSdos REPLY/COMMENT: I will need you to send me the exact format as  
APRS displays it on the P-List if you want me to figure out anything...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadn.navy.mil Sun Oct 27 22:41:07 1996  
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA07863 for <aprssig@tapr.org>; Sun, 27 Oct 1996 22:41:06 -0600 (CST)  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id XAA27925 for <aprssig@tapr.org>; Sun, 27 Oct 1996 23:46:14 -0500 (EST)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs  
Date: Sun, 27 Oct 1996 23:46:14 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5888] Re: Map data from remote U2000  
In-Reply-To: <199610272334.PAA11743@m1.sprynet.com>  
Message-ID: <Pine.GS0.3.95.961027234526.25462S-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 27 Oct 1996, James Duncan wrote:

> Looks like you need to change the path from GPS to WX. Am I right that APRS  
> looks for the WX and then knows that the data that follows is weather node  
> data???

APRSDos REPLY/COMMENT: APRS does recognize the GPS address. Even I dont remember if its accepts "WX"...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From b.gotshall@worldnet.att.net Mon Oct 28 06:16:10 1996  
Received: from mtigwc02.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA25514 for <aprssig@tapr.org>; Mon, 28 Oct 1996 06:16:09 -0600 (CST)  
Received: from LOCALNAME ([199.70.196.146]) by mtigwc02.worldnet.att.net (post.office MTA v2.0 0613 ) with SMTP id AAA17812 for <aprssig@tapr.org>; Mon, 28 Oct 1996 12:15:36 +0000  
Message-ID: <3274CD64.1754@worldnet.att.net>  
Date: Mon, 28 Oct 1996 07:12:36 -0800  
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>  
X-Mailer: Mozilla 2.01E (Win16; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5891] leaving the sig  
References: <32741193.6861@dpliv.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit



henryvb wrote:

>  
> This is now the 3rd time (that I know of) that this individual has  
> crybabled to the SIG that he was packing his dolls and dishes and  
> leaving the SIG/APRS/whatever. If someone wants to leave, goodbye. I'm  
> getting sick of seeing all the "oh don't leave us" messages (5 of 17 in  
> this digest alone), and would be willing to bet that all this individual  
> is looking for is to have his ego stroked by everyone telling him how  
> valuable he is.  
>  
> Time for the next topic.  
>  
> Henry

I'll second this message!

From /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@dps.state.ia.us  
Mon Oct 28 07:45:54 1996  
Received: from outpost.dps.state.ia.us (firewall-user@outpost.dps.state.ia.us  
[165.206.16.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA28466 for  
<aprssig@tapr.org>; Mon, 28 Oct 1996 07:45:52 -0600 (CST)  
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/@dps.state.ia.us  
Received: by outpost.dps.state.ia.us; id IAA21237; Mon, 28 Oct 1996 08:47:35 -0500  
(EST)  
Date: Mon, 28 Oct 1996 08:47:35 -0500 (EST)  
Message-Id: <199610281347.IAA21237@outpost.dps.state.ia.us>  
Received: from iadpshub.dps.state.ia.us(165.206.1.5) by outpost.dps.state.ia.us  
via smap (3.2)  
id xma021235; Mon, 28 Oct 96 08:47:19 -0500

>From /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/ Mon Oct 28  
07:47:23 CST 1996 remote from osiint.dps.state.ia.us  
Date: 28 Oct 1996 07:46:42 -0600  
X400-Trace: US\*ATTMAIL\*IADPS  
arrival 28 Oct 1996 07:46:42 -0600  
action Relayed  
From: /PN=Scott.C.Werling/O=wallace/PRMD=iadps/ADMD=attmail/C=us/  
@osiint.dps.state.ia.us  
To: "/RFC-822=aprssig(a)tapr.org/OU=OSI-INTERNET/O=WALLACE/PRMD=IADPS/  
ADMD=ATTMAIL/C=US/"@osiint.dps.state.ia.us  
Subject: Wide is wrong?  
Importance: normal  
Autoforwarded: FALSE  
Message-Id: <werl1028074610aa\*/PN=Scott.C.Werling/O=wallace/PRMD=iadps/  
ADMD=attmail/C=us/@osiint.dps.state.ia.us>  
P1-Message-Id: US\*ATTMAIL\*IADPS;IDPS3550 werl1028074610aa  
UA-Content-Id: werl1028074610aa  
P1-Content-Type: P2  
Priority: normal  
Received: from osiint.dps.state.ia.us by iadpshub.dps.state.ia.us; Mon, 28 Oct  
1996 07:47 CST  
Content-Type: text

Content-Length: 389

Hi all, I am very new to APRS but starting to enjoy my somewhat limited time. I am running DOS version of 7.7b and really like it. I've seen some information that a user (like me) should not have WIDE in his unproto path. I'm using W0BXR-8,WIDE. Should I be using some other path?

Scott N0XZY  
N0XZY @ WA0RJT.#EIA.IA.USA.NOAM  
werling@dps.state.ia.us  
scott@ia.net

From wa8inz@concentric.net Mon Oct 28 07:50:45 1996  
Received: from tribune.concentric.net (tribune.concentric.net [199.3.12.34]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA28729 for <aprssig@tapr.org>; Mon, 28 Oct 1996 07:50:44 -0600 (CST)  
Received: from cliff.cris.com (cliff.cris.com [199.3.12.45])  
by tribune.concentric.net (8.7.5/(96/10/25 1.9))  
id IAA06440; Mon, 28 Oct 1996 08:50:43 -0500 (EST)  
[1-800-745-2747 The Concentric Network]  
Errors-To: <wa8inz@concentric.net>  
Received: from LOCALNAME (61037d0011la.concentric.net [206.173.242.167])  
by cliff.cris.com (8.8.0)  
id IAA22787; Mon, 28 Oct 1996 08:50:41 -0500 (EST)  
Message-ID: <3274D64D.5BEF@concentric.net>  
Date: Mon, 28 Oct 1996 07:50:37 -0800  
From: William Nolle <wa8inz@concentric.net>  
Organization: None  
X-Mailer: Mozilla 2.01 (Win16; U)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5903] Re: leaving the sig  
References: <3274CD64.1754@worldnet.att.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

B.G. Gotshall wrote:

>  
> henryvb wrote:  
> >  
> > This is now the 3rd time (that I know of) that this individual has  
> > crybabied to the SIG that he was packing his dolls and dishes and  
> > leaving the SIG/APRS/whatever. If someone wants to leave, goodbye. I'm  
> > getting sick of seeing all the "oh don't leave us" messages (5 of 17 in  
> > this digest alone), and would be willing to bet that all this individual  
> > is looking for is to have his ego stroked by everyone telling him how  
> > valuable he is.  
> >  
> > Time for the next topic.  
> >  
> > Henry  
>

> I'll second this message!

If nothing else this is at least bringing out all the assholes on the sig,  
mister go get a life.

--

\\\\\\\\  
(0 0)  
\*--o0-( )-0o--\*  
wa8inz@amsat.org  
wa8inz@cris.com

From dougwe@ccintnet.wrq.com Mon Oct 28 08:53:40 1996  
Received: from elmer.wrq.com (elmer.wrq.com [150.215.17.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id IAA01349 for <aprssig@tapr.org>; Mon, 28 Oct 1996  
08:53:38 -0600 (CST)  
From: dougwe@ccintnet.wrq.com  
Received: from ccintnet.wrq.com ([150.215.5.110]) by elmer.wrq.com with SMTP  
(1.37.109.20/15.6) id AA126214415; Mon, 28 Oct 1996 06:53:35 -0800  
Received: from ccMail by ccintnet.wrq.com (SMTPLINK V2.10.08)  
id AA846518200; Mon, 28 Oct 96 06:55:17 PST  
Date: Mon, 28 Oct 96 06:55:17 PST  
Message-Id: <9609288465.AA846518200@ccintnet.wrq.com>  
To: aprssig@tapr.org  
Subject: Useful URL

A URL for packet beginners, or those of us without manuals for our  
tncs!

<http://prairie.lakes.com/~medcalf/ztx/wire/>

Doug  
KC7CO

From ku0g@sprynet.com Mon Oct 28 09:24:03 1996  
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id JAA02687 for <aprssig@tapr.org>; Mon, 28 Oct 1996  
09:24:02 -0600 (CST)  
Received: from JIMDUNCA (TS1-P8.WWI.NET [204.153.64.108]) by m1.sprynet.com  
(8.6.12/8.6.12) with SMTP id HAA09496 for <aprssig@tapr.org>; Mon, 28 Oct 1996  
07:23:59 -0800  
Date: Mon, 28 Oct 1996 07:23:59 -0800  
Message-Id: <199610281523.HAA09496@m1.sprynet.com>  
X-Sender: ku0g@m1.sprynet.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: James Duncan <ku0g@sprynet.com>  
Subject: Re: [APRSSIG:5904]

At 07:51 10/28/96 -0600, you wrote:

>Hi all, I am very new to APRS but starting to enjoy my somewhat limited time.

>I am running DOS version of 7.7b and really like it.

>I've seen some information that a user (like me) should not have WIDE in  
>his unproto path. I'm using W0BXR-8,WIDE. Should I be using some  
>other path?

>

>Scott N0XZY

>N0XZY @ WA0RJT.#EIA.IA.USA.NOAM

>werling@dps.state.ia.us

>scott@ia.net

Nothing wrong at all with what you're doing. Don't worry about it!

73 de Jim, KU0G

Chairman/Coordinator

Kansas City APRS Working Group

EMail: ku0g@kcaprs.com

EMail: ku0g@sprynet.com

From w5huq@pobox.com Mon Oct 28 09:43:42 1996

Received: from mailhub.southeast.net (root@mailhub.southeast.net [207.98.192.83])  
by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA03215 for <aprssig@tapr.org>; Mon,  
28 Oct 1996 09:43:41 -0600 (CST)

Received: from jrmoore.ppp.southeast.net (ts10-014.southeast.net [207.98.197.239])  
by mailhub.southeast.net (8.7.6/8.6.12) with ESMTP id KAA03323 for  
<aprssig@tapr.org>; Mon, 28 Oct 1996 10:37:27 -0500 (EST)

Message-Id: <199610281537.KAA03323@mailhub.southeast.net>

From: "John R. Moore" <w5huq@pobox.com>

To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:5905] Re: leaving the sig

Date: Mon, 28 Oct 1996 15:43:23 -0000

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Please either Leave or Shut up, you may have contributed to the sig  
previously but your resorting to name calling shows your true colors.  
Your great ability of name calling is not wanted or needed in this  
portion of this great hobby. You have a right to run your station as  
you see fit as long as it is within the regulations, but if I or anyone  
doesn't agree with that then it is our right to say you will not utilize  
our equipment. So take a hike.

John W5HUQ

-----

> From: William Nolle <wa8inz@concentric.net>

> To: aprssig@tapr.org

> Subject: [APRSSIG:5905] Re: leaving the sig

> Date: Monday, October 28, 1996 13:52

>

> B.G. Gotshall wrote:

> >

> > henryvb wrote:

> > >

> > > This is now the 3rd time (that I know of) that this individual has  
> > > crybabbled to the SIG that he was packing his dolls and dishes and  
> > > leaving the SIG/APRS/whatever. If someone wants to leave, goodbye.  
I'm  
> > > getting sick of seeing all the "oh don't leave us" messages (5 of 17  
in  
> > > this digest alone), and would be willing to bet that all this  
individual  
> > > is looking for is to have his ego stroked by everyone telling him how  
> > > valuable he is.  
> > >  
> > > Time for the next topic.  
> > >  
> > > Henry  
> >  
> > I'll second this message!  
>  
> If nothing else this is at least bringing out all the assholes on the  
sig,  
> mister go get a life.  
> --  
> \\\\\\\
> (0 0)  
> \*--o0-( )-0o--\*  
> wa8inz@amsat.org  
> wa8inz@cris.com  
>

From sproul@ap.org Mon Oct 28 10:21:48 1996  
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)  
with SMTP id KAA05150 for <aprssig@tapr.org>; Mon, 28 Oct 1996 10:21:42 -0600  
(CST)  
Received: from [165.1.27.171] by janus.ap.org (SMI-8.6/SMI-SVR4)  
id LAA21654; Mon, 28 Oct 1996 11:15:36 -0500  
X-Sender: sproul@165.1.6.1  
Message-Id: <v03007800ae9a89aefedc@[165.1.27.171]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Mon, 28 Oct 1996 11:05:46 -0500  
To: aprssig@tapr.org  
From: Mark Sproul <sproul@ap.org>  
Subject: WinAPRS 1.1.6 and HSP

I have HSP finished for WinAPRS.

There is a new DLL, Serial32.dll. This is required for proper operation.  
Note: I do NOT have the new DLL finished for Windows 3.1, so HSP will not  
work on Win 3.1 yet. When I finish the 16 bit DLL, you will simply need to  
download the new DLL and it will work.

<ftp://aprs.rutgers.edu/pub/hamradio/aprs/WinAPRS/>

ftp://ftp.tapr.org/tapr/SIG/aprssidg/files/winstuff/WinAPRS/

Also support for the Agrello DFjr is now working properly.

Mark

---

|                                 |                       |
|---------------------------------|-----------------------|
| Mark Sproul                     | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press |                       |
| sproul@ap.org                   | Work: 609-860-7120    |
| North Brunswick, NJ             | Fax: 609-860-7129     |
| http://msproul.rutgers.edu/     |                       |

---

From sdimse@bridge.net Mon Oct 28 10:34:24 1996  
Received: from brickell.bridge.net (root@brickell.bridge.net [204.253.4.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA05670 for <aprssidg@tapr.org>; Mon, 28 Oct 1996 10:34:22 -0600 (CST)  
Received: from bridge.net (newworld.bridge.net [204.253.4.4]) by brickell.bridge.net (8.7.6/8.7.3) with ESMTP id LAA15440 for <aprssidg@tapr.org>; Mon, 28 Oct 1996 11:31:12 -0500  
Received: from (hd44-235.compuserve.com [199.174.234.235]) by bridge.net (8.7.5/8.7.3) with SMTP id LAA12126 for <aprssidg@tapr.org>; Mon, 28 Oct 1996 11:30:06 -0500 (EST)  
Message-Id: <199610281630.LAA12126@bridge.net>  
Subject: Re: [APRSSIG:5905] Re: leaving the sig  
Date: Mon, 28 Oct 96 11:34:06 -0500  
x-sender: sdimse@mail.bridge.net  
x-mailer: Claris EMailer 1.1  
From: Steve Dimse <sdimse@bridge.net>  
To: <aprssidg@tapr.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

>If nothing else this is at least bringing out all the assholes on the sig,  
>mister go get a life.

>--

> \\\\\\\

> (0 0)

> \*--o0-( )-0o--\*

> wa8inz@amsat.org

> wa8inz@cris.com

>

The mail's been abt 10 to 2 in his favor, and he's using profanity. Hard to believe someone would BUDLIST him, huh? Wonder when he'll make good on his promise to leave?

Whether he contributes positively at times to the sig or not, do we really need this?

Steve K04HD

From kr4ol@juno.com Mon Oct 28 10:34:28 1996  
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA05687 for <aprssig@tapr.org>; Mon, 28 Oct 1996 10:34:26 -0600 (CST)  
From: kr4ol@juno.com  
Received: (from kr4ol@juno.com) by x6.boston.juno.com (queuemail) id LAA11729; Mon, 28 Oct 1996 11:34:16 EST  
To: aprssig@tapr.org  
Date: Mon, 28 Oct 1996 12:28:38 PST  
Subject: 10 Meter Freq. ?  
Message-ID: <19961028.122846.3391.0.KR4OL@juno.com>  
X-Mailer: Juno 1.00  
X-Juno-Line-Breaks: 0,3-4

Anybody know of, or currently using 10 Meters for APRS? If so, What freq.? If not, is there a reason why we shouldn't use 10 meters for APRS activity?.....Just asking.....73! de Tom, KR4OL

From n2iph@cyberenet.net Mon Oct 28 10:42:09 1996  
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA05917 for <aprssig@tapr.org>; Mon, 28 Oct 1996 10:42:08 -0600 (CST)  
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp (Smail3.1.29.1 #7) id m0vHulK-000NzwC; Mon, 28 Oct 96 11:42 EST  
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp (Smail3.1.29.1 #8) id m0vHulI-0006FAC; Mon, 28 Oct 96 11:42 EST  
Message-ID: <327589C6.2EBB@cyberenet.net>  
Date: Mon, 28 Oct 1996 23:36:22 -0500  
From: Bob Derderian <n2iph@cyberenet.net>  
Reply-To: n2iph@cyberenet.net  
Organization: Virtual Construction Co.  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5881] Re: Bad operating example in KPC-3 Manual!  
References: <199610271947.LAA03130@m1.sprynet.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

FYI,

This information also appears in the upgrade manual as Ralph had suspected. I noticed it too just the other day when reviewing it as I just picked up the upgrade kit for an older KPC-3 which had the ver 5 firmware in it.

Since Jim has forwarded a copy of the msg to KAntronics I see no need for this msg to any further, just thought I'd bring it to everyone's attention so if they were elmering a new user who had performed the upgrade they would be aware.

73...Bob

NNNN

From n2iph@cyberenet.net Mon Oct 28 10:52:45 1996  
Received: from admin.cyberenet.net (root@admin.cyberenet.net [204.213.252.6]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA06469 for <aprssig@tapr.org>; Mon, 28 Oct 1996 10:52:42 -0600 (CST)  
Received: from ux1.cyberenet.net by admin.cyberenet.net with smtp (Smail3.1.29.1 #7) id m0vHuvZ-000002C; Mon, 28 Oct 96 11:52 EST  
Received: from n2iph.ppp.cyberenet.net by ux1.cyberenet.net with smtp (Smail3.1.29.1 #8) id m0vHuvX-0006F8C; Mon, 28 Oct 96 11:52 EST  
Message-ID: <32758C41.4CB9@cyberenet.net>  
Date: Mon, 28 Oct 1996 23:46:57 -0500  
From: Bob Derderian <n2iph@cyberenet.net>  
Reply-To: n2iph@cyberenet.net  
Organization: Virtual Construction Co.  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5875] Re: Remote U-II's  
References: <199610271430.0AA14005@smtp-gw01.ca.us.ibm.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Why do we have to make the software smarter? Why can't we educate the operator? That way other areas WITHOUT these problems are not shackled by the operator limitations of another area, and everyone moves towards becoming a better operator (or packet control op in this case).

73...Bob

NNNN

From schiers@ames.net Mon Oct 28 11:15:11 1996  
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA07556 for <aprssig@tapr.org>; Mon, 28 Oct 1996 11:15:09 -0600 (CST)  
From: schiers@ames.net  
Message-Id: <199610281715.LAA07556@tapr.org>  
Received: from [206.29.126.237] by ames.net id 582d1.wrk; Mon, 28 Oct 1996 11:01:28 -0600  
Date: Mon, 28 Oct 96 12:14:10 -0500  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5909] WinAPRS 1.1.6 and HSP  
In-Reply-To: <856832@bbs.ames.net>  
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.18

In <856832@bbs.ames.net>, on 10/28/96 at 10:21 AM,  
aprssig@tapr.org said:

>There is a new DLL, Serial32.dll. This is required for proper operation.



Is it correct to assume that this is "required" for proper operation ONLY if you are going to use the HSP function? Otherwise, those of us not involved with HSP could wait for the next release?

hasan schiers, NOAN--

-----  
schiers@ames.net  
-----

From bruninga@nadn.navy.mil Mon Oct 28 11:24:43 1996  
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA08172 for <aprssig@tapr.org>; Mon, 28 Oct 1996 11:24:41 -0600 (CST)  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id MAA01577 for <aprssig@tapr.org>; Mon, 28 Oct 1996 12:29:20 -0500 (EST)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs  
Date: Mon, 28 Oct 1996 12:29:19 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5911] 10 Meter Freq. ?  
In-Reply-To: <19961028.122846.3391.0.KR40L@juno.com>  
Message-ID: <Pine.GS0.3.95.961028122707.12909F-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Oct 1996 kr40l@juno.com wrote:

> Anybody know of, or currently using 10 Meters for APRS? If so,  
> What freq.? If not, is there a reason why we shouldn't use 10 meters for  
> APRS activity?.....Just asking.....73! de Tom, KR40L

APRSDOS REPLY/COMMENT: For reliable reporting of moving position reports back to home base, 10 meters is useless. BUT it would be a great band for DX where APRS QUICKLY plots band openings! I don't remember, but can't we operate at 1200 baud there?

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From ku0g@sprynet.com Mon Oct 28 11:44:51 1996  
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA08921 for <aprssig@tapr.org>; Mon, 28 Oct 1996 11:44:50 -0600 (CST)  
Received: from JIMDUNCA (TS1-P8.WWI.NET [204.153.64.108]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id JAA20254 for <aprssig@tapr.org>; Mon, 28 Oct 1996 09:44:44 -0800  
Date: Mon, 28 Oct 1996 09:44:44 -0800  
Message-Id: <199610281744.JAA20254@m1.sprynet.com>  
X-Sender: ku0g@m1.sprynet.com  
X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: James Duncan <ku0g@sprynet.com>  
Subject: Re: [APRSSIG:5908] Re: leaving the sig

OK, folks. Now Bill is leaving, or already gone. Let's just leave the issue alone and let it pass without further comment. Please restrain yourself from making additional responses that will only serve to keep the fire roaring. In other words, drop it. It's over and done. Over and Out!

<END THREAD>

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@kcaprs.com  
EMail: ku0g@sprynet.com

From schiers@ames.net Mon Oct 28 11:50:43 1996  
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA09346 for <aprssig@tapr.org>; Mon, 28 Oct 1996 11:50:42 -0600 (CST)  
From: schiers@ames.net  
Message-Id: <199610281750.LAA09346@tapr.org>  
Received: from [206.29.126.237] by ames.net id 5c990.wrk; Mon, 28 Oct 1996 11:36:52 -0600  
Date: Mon, 28 Oct 96 12:48:00 -0500  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5915] Re: 10 Meter Freq. ?  
In-Reply-To: <856940@bbs.ames.net>  
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.18

In <856940@bbs.ames.net>, on 10/28/96 at 11:22 AM,  
aprssig@tapr.org said:

>I dont remember, but cant we  
>operate at 1200 baud there?

Yes, but it's virtually useless due to multi-path and phasing distortion. Any ionospheric reflection appears to cause some real severe distortion that 1200 baud doesn't like. 1200 baud works on 10m, "kinda"...but not very well. Throughput is faster at 300 baud due to all the retries.

Listen to 10m fm and all the distortion on it as the sig fades in and out, even when quite strong, there is so much distortion that the packets just can't cut it. So I wouldn't put much hope for 1200 baud.

hasan schiers, NOAN--

-----  
schiers@ames.net  
-----

From mark@y100.com Mon Oct 28 12:32:57 1996  
Received: from mail3.voicenet.com (mail3.voicenet.com [207.103.0.45]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA11031 for <aprssig@tapr.org>; Mon, 28 Oct 1996 12:32:55 -0600 (CST)  
Received: from default (ivyland257.voicenet.com [207.103.6.156]) by mail3.voicenet.com (8.7.5/8.6.12) with SMTP id NAA08404 for <aprssig@tapr.org>; Mon, 28 Oct 1996 13:35:18 -0500 (EST)  
Message-ID: <3274FC18.5ED7@y100.com>  
Date: Mon, 28 Oct 1996 13:31:52 -0500  
From: Mark Humphrey <mark@y100.com>  
Reply-To: mark@y100.com  
Organization: WPLY - 100 / Radio Philadelphia  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5862] HF APRS Activity.  
References: <"HNGA-3593-3900\*/0=ENVOY  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

JOHN.LANGTRY@resonet.com wrote:

>  
> Hi again Richard !  
>  
> Well, ahem, this is going to be from a Canadian perspective, and given  
> what the bands are these days, here's what I've been able to glean :

Toronto is a good example, a  
> year an a half ago, we had maybe, 6 stations on the VHF side; now  
> my mailing list has over 120 stations (we mail bulletins, tips, etc  
> via packet) and we've got 8 digipeaters that reach from Buffalo N.Y.  
> all the way around Lake Ontario on to Peterborough in the North East  
> and Barrie to the North. (I see this morning, that Rochester N.Y.  
> are back on testing their digipeater). Like I said, interest is  
> growing like wild fire.

John:

Are the VHF digis in Buffalo and Rochester operating on 145.79 or another freq? I recall there was a problem in coordinating APRS activity on .79 in that part of upstate NY.

73, Mark N2CHV (formerly from Rochester)

From sproul@ap.org Mon Oct 28 12:52:30 1996  
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA12169 for <aprssig@tapr.org>; Mon, 28 Oct 1996 12:52:24 -0600 (CST)  
Received: from [165.1.27.171] by janus.ap.org (SMI-8.6/SMI-SVR4) id NAA26364; Mon, 28 Oct 1996 13:46:04 -0500  
X-Sender: sproul@165.1.6.1

Message-Id: <v03007801ae9ab0210767@[165.1.27.171]>  
In-Reply-To: <199610281715.LAA07556@tapr.org>  
References: <856832@bbs.ames.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Mon, 28 Oct 1996 13:47:53 -0500  
To: aprssig@tapr.org  
From: Mark Sproul <sproul@ap.org>  
Subject: Re: [APRSSIG:5914] Re: WinAPRS 1.1.6 and HSP

>In <856832@bbs.ames.net>, on 10/28/96 at 10:21 AM,  
> aprssig@tapr.org said:  
>  
>>There is a new DLL, Serial32.dll. This is required for proper operation.  
>  
>Is it correct to assume that this is "required" for proper operation ONLY  
>if you are going to use the HSP function? Otherwise, those of us not  
>involved with HSP could wait for the next release?  
>

Yes, the new DLL is for HSP operation only, the old DLL will work with the new software.

Version 1.1.6 also supports GPS input from the PicoPacket.

Mark

---

|                                 |                       |
|---------------------------------|-----------------------|
| Mark Sproul                     | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press |                       |
| sproul@ap.org                   | Work: 609-860-7120    |
| North Brunswick, NJ             | Fax: 609-860-7129     |
| http://msproul.rutgers.edu/     |                       |

---

From ku0g@sprynet.com Mon Oct 28 13:52:11 1996  
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA14873 for <aprssig@tapr.org>; Mon, 28 Oct 1996 13:52:09 -0600 (CST)  
Received: from JIMDUNCA (TS1-P8.WWI.NET [204.153.64.108]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id LAA24863 for <aprssig@tapr.org>; Mon, 28 Oct 1996 11:52:04 -0800  
Date: Mon, 28 Oct 1996 11:52:04 -0800  
Message-Id: <199610281952.LAA24863@m1.sprynet.com>  
X-Sender: ku0g@m1.sprynet.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: James Duncan <ku0g@sprynet.com>

Subject: Re: [APRSSIG:5912] Re: Bad operating example in KPC-3 Manual!

At 10:46 10/28/96 -0600, you wrote:

>Since Jim has forwarded a copy of the msg to KAntronics I see no need  
>for this msg to any further, just thought I'd bring it to everyone's  
>attention so if they were elmering a new user who had performed the  
>upgrade they would be aware.  
>

I got a nice reply from Kantronics this a.m. They are now aware and asked some interesting questions to which I gave thoughtful and insightful answers (everyone that believes that may now take his/her place in the line for the ocean front property in Arizona that I have for sale...).

I also volunteered to help them with any APRS issues that may arise as an outside source...

73 de Jim, KU0G  
Chairman/Coordinator  
Kansas City APRS Working Group  
EMail: ku0g@kcaprs.com  
EMail: ku0g@sprynet.com

From dougwe@ccintnet.wrq.com Mon Oct 28 15:03:34 1996  
Received: from elmer.wrq.com (elmer.wrq.com [150.215.17.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id PAA17424 for <aprssig@tapr.org>; Mon, 28 Oct 1996 15:03:32 -0600 (CST)  
From: dougwe@ccintnet.wrq.com  
Received: from ccintnet.wrq.com ([150.215.5.110]) by elmer.wrq.com with SMTP (1.37.109.20/15.6) id AA260766610; Mon, 28 Oct 1996 13:03:30 -0800  
Received: from ccMail by ccintnet.wrq.com (SMTPLINK V2.10.08) id AA846540400; Mon, 28 Oct 96 13:03:11 PST  
Date: Mon, 28 Oct 96 13:03:11 PST  
Message-Id: <9609288465.AA846540400@ccintnet.wrq.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5915] Re: 10 Meter Freq. ?

Yes, there used to be quite a bit of 1200 bps activity around 28.176, before the band collapsed last fall.

Doug  
KC7C0

----- Reply Separator -----  
Subject: [APRSSIG:5915] Re: 10 Meter Freq. ?  
Author: aprssig@tapr.org at CCINTNET  
Date: 10/28/96 11:32 AM

On Mon, 28 Oct 1996 kr4ol@juno.com wrote:

> Anybody know of, or currently using 10 Meters for APRS? If so,  
> What freq.? If not, is there a reason why we shouldn't use 10 meters for

> APRS activity?.....Just asking.....73! de Tom, KR4OL

APRSDOS REPLY/COMMENT: For reliable reporting of moving position reports back to home base, 10 meters is useless. BUT it would be a great band for DX where APRS QUICKLY plots band openings! I don't remember, but can't we operate at 1200 baud there?

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From rfilia@boot.com Mon Oct 28 15:19:24 1996

Received: from burnout.cts.com (root@burnout.cts.com [204.216.216.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA18037 for <aprssig@tapr.org>; Mon, 28 Oct 1996 15:19:21 -0600 (CST)

Received: from Rich Filia.cts.com (rfilia.cts.com [204.212.159.126]) by burnout.cts.com (8.6.12/8.6.9) with SMTP id NAA28216 for <aprssig@tapr.org>; Mon, 28 Oct 1996 13:19:14 -0800

Message-Id: <2.2.32.19961028211918.0068e938@cts.com>

X-Sender: rfilia@cts.com (Unverified)

X-Mailer: Windows Eudora Pro Version 2.2 (32)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Date: Mon, 28 Oct 1996 13:19:18 -0800

To: aprssig@tapr.org

From: Richard Filia <rfilia@boot.com>

Subject: APRS SW Registration

Hello Bob,

Can I purchase the registered APRS program via e-mail?

I'm using version 7.1 freeware now. I also would like the GPS version. I understand this will allow the program to work with a GPS receiver on a PC.

Let me know if you'll take Visa / MC. Thanks!

Rich Filia AA1Z

San Diego

(619) 755-0700 ext. 158 days

(619) 298-8248 home

From bruninga@nadm.navy.mil Mon Oct 28 16:00:44 1996

Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA20034 for <aprssig@tapr.org>; Mon, 28 Oct 1996 16:00:42 -0600 (CST)

Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id RAA12214 for <aprssig@tapr.org>; Mon, 28 Oct 1996 17:05:51 -0500 (EST)

X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs

Date: Mon, 28 Oct 1996 17:05:51 -0500 (EST)

From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5917] Re: 10 Meter Freq. ?

In-Reply-To: <199610281750.LAA09346@tapr.org>

Message-ID: <Pine.GSO.3.95.961028170345.11698B-100000@arctic>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Oct 1996 schiers@ames.net wrote:

> >I dont remember, but cant we operate at 1200 baud there?  
>  
> Yes, but it's virtually useless due to multi-path and phasing distortion.  
> Listen to 10m fm and all the distortion on it as the sig fades in and out,  
> even when quite strong, there is so much distortion that the packets just  
> can't cut it. So I wouldn't put much hope for 1200 baud.

APRSDos REPLY/COMMENT: I agree that 10mFM has terrible phase distortion, but I assumed that was due to the wide bandwidth of 12 KHz. I just assumed that operating FSK at 1200 baud is only a 1K shift so the distortion would be about 8% of what you hear on FM. But that my too still be too much to work...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From paul@tech.cyclades.com Mon Oct 28 16:11:09 1996  
Received: from tech.cyclades.com (root@tech.cyclades.com [208.138.19.34]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA20648 for <aprssig@tapr.org>; Mon, 28 Oct 1996 16:11:07 -0600 (CST)  
Received: from localhost by tech.cyclades.com  
with smtp id m0vHzth-0006MsC  
(Debian /\oo/\ Smail3.1.29.1 #29.37); Mon, 28 Oct 96 14:11 PST  
Date: Mon, 28 Oct 1996 14:11:05 -0800 (PST)  
From: Paul Christenson <paul@tech.cyclades.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5911] 10 Meter Freq. ?  
In-Reply-To: <19961028.122846.3391.0.KR40L@juno.com>  
Message-ID: <Pine.LNX.3.95.961028140633.205A-100000@tech.cyclades.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Oct 1996 kr40l@juno.com wrote:

> Anybody know of, or currently using 10 Meters for APRS? If so,  
> What freq.? If not, is there a reason why we shouldn't use 10 meters for  
> APRS activity?.....Just asking.....73! de Tom, KR40L

Other than the band being nearly dead, I can't think of any.. You can get low power 10m rigs downright cheap. Power isn't a real consideration on 10m anyway except for ground wave; if the band is up, 5W works everywhere.

May I suggest using 28.2777 MHz? (That's 28.APRS using phone -> number conversion.) As I recall, most digital work on the Novice section centered around 28.15 -> 28.20 MHz, with the upper part nearly dead.

Paul  
N3EOP/6

```
+-----+
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| High Performance Multiport Serial Cards & Routers |
| Unsolicited mail ads subject to a $25 handling fee |
+-----+
```

From paul@tech.cyclades.com Mon Oct 28 16:14:05 1996  
Received: from tech.cyclades.com (root@tech.cyclades.com [208.138.19.34]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA20758 for <aprssig@tapr.org>; Mon, 28  
Oct 1996 16:14:02 -0600 (CST)  
Received: from localhost by tech.cyclades.com  
with smtp id m0vHzwV-0006MsC  
(Debian /\oo/\ Smail3.1.29.1 #29.37); Mon, 28 Oct 96 14:13 PST  
Date: Mon, 28 Oct 1996 14:13:58 -0800 (PST)  
From: Paul Christenson <paul@tech.cyclades.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5915] Re: 10 Meter Freq. ?  
In-Reply-To: <Pine.GS0.3.95.961028122707.12909F-1000000@arctic>  
Message-ID: <Pine.LNX.3.95.961028141229.205B-1000000@tech.cyclades.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Oct 1996, Bob Bruninga wrote:

> On Mon, 28 Oct 1996 kr4ol@juno.com wrote:  
>  
> > Anybody know of, or currently using 10 Meters for APRS?  
  
> APRSdos REPLY/COMMENT: For reliable reporting of moving position reports  
> back to home base, 10 meters is useless.

In its present state, maybe so. However, keep in mind that groundwave  
propagation of 10m is similar to that of 2m. A few well-placed WIDEs  
would take care of that problem.

```
+-----+
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| High Performance Multiport Serial Cards & Routers |
| Unsolicited mail ads subject to a $25 handling fee |
+-----+
```

From geoff@maf.mobile.al.us Mon Oct 28 17:34:04 1996  
Received: from ns1.maf.mobile.al.us (ns1.maf.mobile.al.us [206.202.0.2]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA24092 for <aprssig@tapr.org>; Mon, 28  
Oct 1996 17:33:59 -0600 (CST)  
Received: from ns1 by ns1.maf.mobile.al.us (5.x/SMI-SVR4)  
id AA02686; Mon, 28 Oct 1996 17:30:39 -0600  
Date: Mon, 28 Oct 1996 17:30:35 -0600 (CST)  
From: Geoff Peacock <geoff@maf.mobile.al.us>  
X-Sender: geoff@ns1



To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5901] Re: Map data from remote U2000  
In-Reply-To: <Pine.GS0.3.95.961027234336.25462R-1000000@arctic>  
Message-Id: <Pine.SOL.3.91.961028172245.1969B-1000000@ns1>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have set weather, display justwx

then set w, d, temp and get:

```
      ^F/      "  
with t, d, wind :  
      ****/      g.../      "  
with w, d, barom:  
      ****//      "
```

on screen next to blue dot.

When I select with N I get WB4QEV-3 : MPH\_ ^F  
at the top of the screen.

And at the bottom of the screen I get

```
pos:!!*****/3031.31N/08807.31W_  
      !!0000009002F503B1----03E3-----012D052200000000
```

(^ is the degree symbol, spaces may vary for displays next to blue dot.  
Hard to count)

Hope this is enough to troubleshoot.

```
Geoff Peacock  
Mobile Area Free-Net, Inc.  
-----o00__ ( ) __00o_  
geoff@maf.mobile.al.us      (334) 405-4600
```

On Sun, 27 Oct 1996, Bob Bruninga wrote:

```
> On Sun, 27 Oct 1996, Geoff Peacock wrote:  
>  
> > I have an Ultimeter 2000 set up remotely. What follows is an example of  
> > its packets. I get the blue dot but no wind direction indicator from the  
> >  
> > WB4QEV-3>APRS,K4ZM-1:3031.31N/08807.31W_  
> > WB4QEV-3>GPS:!!00590084030903B1----03D7-----012C04ED04070050  
> > WB4QEV-3>GPS:!!00460093030903B1----03D7-----012C04EE04070046  
>  
> APRSdos REPLY/COMMENT: I will need you to send me the exact format as  
> APRS displays it on the P-List if you want me to figure out anything...  
>  
> Reply mail addr: wb4apr@amsat.org  
> See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html  
>
```

>

From n9szf@skywarn.cs.wisc.edu Mon Oct 28 17:55:34 1996  
Received: from skywarn.cs.wisc.edu (n9szf@skywarn.cs.wisc.edu [128.105.37.13]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA24714 for <aprssig@tapr.org>; Mon, 28 Oct 1996 17:55:29 -0600 (CST)  
Received: (from n9szf@localhost) by skywarn.cs.wisc.edu (8.6.12/8.6.9) id RAA32011; Mon, 28 Oct 1996 17:55:25 -0600  
Date: Mon, 28 Oct 1996 17:55:23 -0600 (CST)  
From: Tom Fleming N9SZF <n9szf@skywarn.cs.wisc.edu>  
To: aprssig@tapr.org  
Subject: Maps with county lines  
Message-ID: <Pine.LNX.3.91.961028175339.32006B-100000@skywarn.cs.wisc.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is it posible to get some maps made with only county lines on it.

-----  
Tom Fleming - N9SZF  
South Central Wisconsin NCS  
Dane County ARES

From cjcavanagh@msn.com Mon Oct 28 18:32:31 1996  
Received: from upsmot03.msn.com (upsmot03.msn.com [204.95.110.85]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA25986 for <aprssig@tapr.org>; Mon, 28 Oct 1996 18:32:28 -0600 (CST)  
Received: from upmajb02.msn.com (upmajb02.msn.com [204.95.110.74]) by upsmot03.msn.com (8.6.8.1/Configuration 4) with SMTP id QAA25557 for <aprssig@tapr.org>; Mon, 28 Oct 1996 16:30:52 -0800  
Date: Tue, 29 Oct 96 00:30:26 UT  
From: "Carolyn Cavanagh" <cjcavanagh@msn.com>  
Message-Id: <UPMAIL02.199610290031350412@msn.com>  
To: aprssig@tapr.org  
Subject: RE: [APRSSIG:5921] Re: 10 Meter Freq. ?

Yes 1200 baud operation is allowed on 10m, but it won't always be physically possible. Nasty things like intersymbol interference tends to limit digital data transmission rates on HF and digital bandwidth. The signal processor wetware between the ears takes care of voice signals. However, since most 10m HF ionospheric paths will be single mode, 1200 baud will work a good deal of time when the band is open, like in 2-3 years. Sunspot mimimum will occur about American Thanksgiving.

Another point.....with the KAM you cannot push 1200 baud signals out of the "HF" port. This is for good reason as Kantronics has optimized the HF port for 300 baud or less and the VHF port for 1200 baud. You will have to switch cables or build a switch.

You can use either port with with the MJF-1278. They change filter bandwidths in the analog section with a switched capacitor filter.

I can't tell you first thing about the AEA tnc's.

Jack, KB4XF, Carolyn's OM  
cjcavanagh@msn.com

From davidmc@goodnet.com Mon Oct 28 18:32:33 1996  
Received: from goodguy.goodnet.com (goodnet.com [207.98.129.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA26008 for <aprssig@tapr.org>; Mon, 28 Oct 1996 18:32:31 -0600 (CST)  
Received: from 206.43.126.69 (tempe-ts2-4.goodnet.com [206.43.126.69]) by goodguy.goodnet.com (8.8.0/8.7.1) with SMTP id RAA05261 for <aprssig@tapr.org>; Mon, 28 Oct 1996 17:31:40 -0700 (MST)  
Message-ID: <327550A4.5768@goodnet.com>  
Date: Mon, 28 Oct 1996 17:32:47 -0700  
From: David McCarthy <davidmc@goodnet.com>  
X-Mailer: Mozilla 3.0 (Macintosh; I; PPC)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: APRS & SAREX: How do you do it?  
References: <Pine.GS0.3.95.961027224247.25462K-1000000@arctic>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am looking for any information on how to do APRS packet with future SAREX missions. Antennas, power and equipment requirements as well as scheduled will be appreciated. Thanks.

--

David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ  
email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam  
Visit the family homepage: <http://www.goodnet.com/~davidmc/>  
"As for me and my house, we will serve the Lord." Jos 24:15

From kc5ejk@onramp.net Mon Oct 28 19:02:34 1996  
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA27405 for <aprssig@tapr.org>; Mon, 28 Oct 1996 19:02:32 -0600 (CST)  
Received: from [199.1.11.154] (dal154.onramp.net [199.1.11.154]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id TAA12942 for <aprssig@tapr.org>; Mon, 28 Oct 1996 19:02:28 -0600 (CST)  
Message-Id: <v02140b01ae9b07120888@[199.1.11.154]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Mon, 28 Oct 1996 19:04:11 -0600  
To: aprssig@tapr.org  
From: kc5ejk@onramp.net (Robert Winingham)  
Subject: Re: [APRSSIG:5929] APRS & SAREX: How do you do it?

>I am looking for any information on how to do APRS packet with future  
>SAREX missions.

Why wait, Try the space mode of Bob's dosAPRS late at night with the MIR on 145.550 MHZ. One or two quick packets in the manual mode will not add any QRM. Last I looked the digi was on.

A Discone with 45 watts can connect to Shuttle packet.

Bob - Dallas, TX --- kc5ejk@onramp.net or kc5ejk@amsat.org ---

From dougwe@ccintnet.wrq.com Mon Oct 28 19:31:27 1996  
 Received: from elmer.wrq.com (elmer.wrq.com [150.215.17.1]) by tapr.org  
 (8.7.5/8.7.3/1.9) with ESMTP id TAA28660 for <aprssig@tapr.org>; Mon, 28 Oct 1996  
 19:31:25 -0600 (CST)  
 From: dougwe@ccintnet.wrq.com  
 Received: from ccintnet.wrq.com ([150.215.5.110]) by elmer.wrq.com with SMTP  
 (1.37.109.20/15.6) id AA055962682; Mon, 28 Oct 1996 17:31:22 -0800  
 Received: from ccMail by ccintnet.wrq.com (SMTPLINK V2.10.08)  
 id AA846556422; Mon, 28 Oct 96 17:31:31 PST  
 Date: Mon, 28 Oct 96 17:31:31 PST  
 Message-Id: <9609288465.AA846556422@ccintnet.wrq.com>  
 To: aprssig@tapr.org  
 Subject: Re: [APRSSIG:5928] Re: 10 Meter Freq. ?

You can use either port with with the MJF-1278. They change filter  
 bandwidths in the analog section with a switched capacitor filter.

I can't tell you first thing about the AEA tnc's.  
 Jack, KB4XF, Carolyn's OM  
 cjcavanagh@msn.com

The PK-232 works fine at 1200 on ten meters - I've always used the  
 same settings as vhf and have no trouble.

Doug  
 KC7CO

From etjm@ECUA.NET.ec Mon Oct 28 19:40:52 1996  
 Received: from ecua.net.ec (ecua.net.ec [157.100.1.2]) by tapr.org  
 (8.7.5/8.7.3/1.9) with SMTP id TAA29094 for <aprssig@tapr.org>; Mon, 28 Oct 1996  
 19:40:46 -0600 (CST)  
 Received: from [157.100.33.33] by ecua.net.ec (AIX 4.1/UCB 5.64/4.04)  
 id AA51330; Mon, 28 Oct 1996 20:39:09 -0500  
 Message-Id: <9610290139.AA51330@ecua.net.ec>  
 X-Sender: etjm@az.pro.ec (Unverified)  
 X-Mailer: Windows Eudora Version 1.4.4  
 Mime-Version: 1.0  
 Content-Type: text/plain; charset="us-ascii"  
 Date: Mon, 28 Oct 1996 20:42:36 -0500  
 To: aprssig@tapr.org  
 From: etjm@ECUA.NET.ec (teodoro jaramillo)  
 Subject: Re: [APRSSIG:5898] Re: Maps & Longitude Latitude Co-ordinates

Maps MISTERY STILL not resolved....

I have locally visited and tried from Municipalities and also from a  
 Military Organization to obtain any kind of digital Maps for Ecuador...and  
 nothing gained...

A while back a friend on this system offered to make some maps and I sent a large TUBE containing MAPS local regional and National ( typical geographical large scale Maps) and after several months the TUBE returned undeliverable MAIL....so failed..will keep trying... I see the present msg and perhaps if there is world CD-rom with info any scale Map will be great for me to work with...I sit here looking ad when I travel there is no detail Maps at all of my trips and efforts and can demo to tohers Hams either... What is needed to ask for someone to provide and what shall i provide for data to obtain some course Maps even...on this region of the world...??? basic areas are within about  
02 00 00 north  
04 00 00 south  
80 00 00 west  
76 00 00 east

Still reading 10.151 data and propagation very extrange at cerain days and times.... but all great info and learning has increased a lot.

Thanks for help and info required I shall make any effort ti supply.

73's  
TED  
HC5K

>On Sat, 26 Oct 1996, Keith Sproul wrote:

>  
>> I can make maps of anyplace in the world from the Digital Chart of the World  
>> CD-ROM. I will then put them up on the FTP sites..  
>  
>APRSdos REPLY/COMMENT: Keith, if you would tell us the format and/or how  
>to read the Win/Mac maps, then several of us could write a conversion  
>routine so that we could build multiple DOS maps from your maps...  
>  
>Reply mail addr: wb4apr@amsat.org  
>See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>  
>  
>  
>

From john.kerr@peel.com Mon Oct 28 19:46:12 1996  
Received: from Marvin.Projectx.Com (mail.royce-metal.com [205.205.208.99]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA29245 for <aprssig@tapr.org>; Mon, 28 Oct 1996 19:45:28 -0600 (CST)  
Date: Mon, 28 Oct 1996 19:45:28 -0600 (CST)  
Message-Id: <199610290145.TAA29245@tapr.org>  
Received: from J.D.KERR ([205.205.208.83]) by Marvin.Projectx.Com (post.office MTA v2.0 0813 ID# 0-12975) with SMTP id AAA48 for <aprssig@tapr.org>; Mon, 28 Oct 1996 20:58:57 -0500  
X-Sender: john.kerr@mail.peel.com  
X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: "John D. kerr" <john.kerr@peel.com>

~ Ontario APRS Support Page ~  
-----

For the past few months, we have been working feverishly to update our Ontario APRS support page. Initially established in mid 1995, we have grown to become a popular stop-off to APRS surfers on the Internet.

Today, we are pleased to announce some major feature additions to our website. Some of our major features are:

- o javAPRS: For the past two months, we have been working with Steve Dimse (K04HD) to identify some browser specific issues in his javAPRS work. Steve has identified these issues and we are now ready to make our javAPRS site public. Running with a dedicated transceiver on 144.390MHz. (Canadian APRS frequency), we are providing real time javAPRS updates from 15 minutes to 24 hours of activity - automatically!

- o Guest Book: Many of our guests to the system are experts in APRS and other associated activities. With our guest book feature, all users are able to review previous connections and determine who might be a knowledgeable candidate to assist with your problems. All guests are encouraged to sign into the guestbook.

- o Online Conference System: Another exclusive feature to our system is the online conference system where guests can connect to a bulletin board style message system. Visitors can leave messages dealing with APRS, buy & sell messages, or just general chit-chat. All of this is done with your standard web browser.

- o Latest Updates: As with most other APRS pages, we always maintain the latest APRS software versions, along with being the Ontario APRS map distribution site.

We think we have a site that you would enjoy visiting, and maybe even gain some knowledge while you are at it. Please take a few minutes and visit our site at:

<http://www.peel.com/aprs>

Thanks... John VE3SVE - john.kerr@peel.com

From rhiii@mnsinc.com Mon Oct 28 19:48:24 1996

Received: from mail1.mnsinc.com (mail1.mnsinc.com [206.55.3.18]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA29465 for <aprssig@tapr.org>; Mon, 28 Oct 1996 19:48:22 -0600 (CST)

Received: from user2.mnsinc.com (user2.mnsinc.com [206.55.3.12]) by mail1.mnsinc.com (8.6.5/8.7.1) with ESMTP id UAA10018 for <aprssig@tapr.org>; Mon, 28 Oct 1996 20:48:20 -0500

Received: from rhiii.mnsinc.com (rhiii.mnsinc.com [206.239.150.154]) by user2.mnsinc.com (8.6.5/8.6.5) with SMTP id UAA03432 for <aprssig@tapr.org>; Mon, 28 Oct 1996 20:48:19 -0500  
From: rhiii@mnsinc.com (Richard H.)  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5865] Re: HF APRS Activity.  
Date: Tue, 29 Oct 1996 01:47:48 GMT  
Message-ID: <32735c85.61864899@relay.mnsinc.com>  
References: <2.2.32.19961026224007.00704178@mindspring.com>  
In-Reply-To: <2.2.32.19961026224007.00704178@mindspring.com>  
X-Mailer: Forte Agent .99e/16.227

Ralph --- thanks for the info. Will pursue that lead.

de Richard/ N2JR

-----  
On Sat, 26 Oct 1996 17:39:35 -0500 (CDT), you wrote:

>At 09:43 AM 10/26/96 -0500, Richard wrote:  
>>Aside from 10151khz is there any other HF frequency commonly used for APRS ?  
>  
>  
>Richard- in Florida, several were operating GATES on 80M. When I was there  
>this winter it seemed to work pretty well. I know Kevin, Mike, and Rich  
>were doing it. Don't know what happened to the FLGATES though.  
>  
>  
>  
>Ralph Fowler, N4NEQ , S.E.R.A. Amateur Television Technical Advisor  
>Atlanta, GA USA  
>Internet Email: rwf@mindspring.com Pager Email: 7647836@skytel.com  
>2 way pager: 1 (800) 764-7836  
><http://www.mindspring.com/~rwf> for APRS, ATV, Balloon, and Ham info  
>My hobby is tracking Vehicles and other things using Ham Radio and APRS.  
>Ask me how!  
>  
>

From rhiii@mnsinc.com Mon Oct 28 19:48:30 1996  
Received: from mail1.mnsinc.com (mail1.mnsinc.com [206.55.3.18]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA29506 for <aprssig@tapr.org>; Mon, 28 Oct 1996 19:48:27 -0600 (CST)  
Received: from user2.mnsinc.com (user2.mnsinc.com [206.55.3.12]) by mail1.mnsinc.com (8.6.5/8.7.1) with ESMTP id UAA10049 for <aprssig@tapr.org>; Mon, 28 Oct 1996 20:48:26 -0500  
Received: from rhiii.mnsinc.com (rhiii.mnsinc.com [206.239.150.154]) by user2.mnsinc.com (8.6.5/8.6.5) with SMTP id UAA03438 for <aprssig@tapr.org>; Mon, 28 Oct 1996 20:48:22 -0500  
From: rhiii@mnsinc.com (Richard H.)  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5884] 6M Frequency Proposal  
Date: Tue, 29 Oct 1996 01:47:52 GMT

Message-ID: <3275350d.109193346@relay.mnsinc.com>  
References: <199610272123.QAA12802@grumpy.magg.net>  
In-Reply-To: <199610272123.QAA12802@grumpy.magg.net>  
X-Mailer: Forte Agent .99e/16.227

Rich -- what are the problems with 50.62 ? Missed it the first time around.

Richard/n2jr

-----  
On Sun, 27 Oct 1996 15:27:34 -0600 (CST), you wrote:

>Ok nuff is enough, some of us have spoken about 6M and today I saw a BLN on  
>my screen that someone was listening to 50.62, seems that the time has come  
>to get serious. Previously I posted a message RE: the 50.62 frequency choice  
>and how it has quite a few downfalls. For the past 2 or so months after  
>posting that message I have been listening to 51.68 and 51.18 in the SE  
>Florida area and have heard no activity at all.

From rhiii@mnsinc.com Mon Oct 28 19:48:28 1996  
Received: from mail1.mnsinc.com (mail1.mnsinc.com [206.55.3.18]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id TAA29495 for <aprssig@tapr.org>; Mon, 28 Oct 1996  
19:48:26 -0600 (CST)  
Received: from user2.mnsinc.com (user2.mnsinc.com [206.55.3.12]) by  
mail1.mnsinc.com (8.6.5/8.7.1) with ESMTP id UAA10034 for <aprssig@tapr.org>; Mon,  
28 Oct 1996 20:48:22 -0500  
Received: from rhiii.mnsinc.com (rhiii.mnsinc.com [206.239.150.154]) by  
user2.mnsinc.com (8.6.5/8.6.5) with SMTP id UAA03435 for <aprssig@tapr.org>; Mon,  
28 Oct 1996 20:48:21 -0500  
From: rhiii@mnsinc.com (Richard H.)  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5867] 80M in FL Re: HF APRS Activity.  
Date: Tue, 29 Oct 1996 01:47:50 GMT  
Message-ID: <32735dc4.62184064@relay.mnsinc.com>  
References: <199610262348.TAA24488@grumpy.magg.net>  
In-Reply-To: <199610262348.TAA24488@grumpy.magg.net>  
X-Mailer: Forte Agent .99e/16.227

Thanks Rich for that info. Too bad though, because 80m would be just  
fine on low qrn nights. Sat on 7085 last night but heard (saw)  
nothing on the screen this monring. --- Will put radio on  
14105lsb today & see if any interest can be generated there.  
de Richard/N2JR

-----  
On Sat, 26 Oct 1996 18:54:20 -0500 (CDT), you wrote:

>Not enough interest to support the expense for many of us on 2 full gateways  
>runing 24hrs a day, it is also a big risk here in Lighting Country to leave  
>an unattended station. Way I see it if my 30M radio get's smoked at least I  
>have a radio to fall back on, if both are in operation and both get smoked  
>it will probably be a few years till I can afford a new HF rig.  
>



>Another problem we found is that most people were disinterested in using the  
>FLGATE. Everyone wanted to go out on 30M where the "action" was so even when  
>the FLGATE was on 80M no one was on except for the FLGATES, everyone else  
>(mostly) stayed using GATE.  
>  
>

From rhiii@mnsinc.com Mon Oct 28 19:48:34 1996  
Received: from mail1.mnsinc.com (mail1.mnsinc.com [206.55.3.18]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id TAA29544 for <aprssig@tapr.org>; Mon, 28 Oct 1996  
19:48:31 -0600 (CST)  
Received: from user2.mnsinc.com (user2.mnsinc.com [206.55.3.12]) by  
mail1.mnsinc.com (8.6.5/8.7.1) with ESMTP id UAA10057 for <aprssig@tapr.org>; Mon,  
28 Oct 1996 20:48:28 -0500  
Received: from rhiii.mnsinc.com (rhiii.mnsinc.com [206.239.150.154]) by  
user2.mnsinc.com (8.6.5/8.6.5) with SMTP id UAA03441 for <aprssig@tapr.org>; Mon,  
28 Oct 1996 20:48:26 -0500  
From: rhiii@mnsinc.com (Richard H.)  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5911] 10 Meter Freq. ?  
Date: Tue, 29 Oct 1996 01:47:56 GMT  
Message-ID: <32753612.109454939@relay.mnsinc.com>  
References: <19961028.122846.3391.0.KR40L@juno.com>  
In-Reply-To: <19961028.122846.3391.0.KR40L@juno.com>  
X-Mailer: Forte Agent .99e/16.227

281051sb sound like a winner Tom. Let me know when the testing  
begins.  
de Richard/n2jir

-----  
On Mon, 28 Oct 1996 10:37:25 -0600 (CST), you wrote:

>  
> Anybody know of, or currently using 10 Meters for APRS? If so,  
>What freq.? If not, is there a reason why we shouldn't use 10 meters for  
>APRS activity?.....Just asking.....73! de Tom, KR40L  
>  
>

From martinbw@telalink.net Mon Oct 28 20:21:16 1996  
Received: from eve.telalink.net (eve.telalink.net [199.1.88.3]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id UAA01273 for <aprssig@tapr.org>; Mon, 28 Oct 1996  
20:21:15 -0600 (CST)  
Received: from oscar.telalink.net (nash-pm3-s21.telalink.net [205.241.232.118]) by  
eve.telalink.net (Telalink-MTA/5.2n) with SMTP id UAA25354 for <aprssig@tapr.org>;  
Mon, 28 Oct 1996 20:21:07 -0600 (CST)  
X-Mailer: InterCon tcpCONNECT4 4.0 (Macintosh)  
MIME-Version: 1.0  
Message-Id: <9610282021.AA07005@oscar.telalink.net>  
Date: Mon, 28 Oct 1996 20:21:07 -0600  
From: "Bruce W. Martin" <martinbw@telalink.net>  
To: aprssig@tapr.org  
Subject: Re: Maps with county lines

Content-Type: Text/Plain; charset=US-ASCII

Content-Disposition: Inline

> Is it possible to get some maps made with only county lines on it.

>

> -----

For that matter, using the 100k DLG CD-ROMs, how do you get the political boundaries (county & state lines) plotted on the maps.

Bruce, KQ4TV

--

```
*****
* Bruce W. Martin           Internet: martinbw@telalink.net *
* 4558 Brooke Valley Dr.    HAM Call: KQ4TV                 *
* Hermitage TN 37076-2650   Voice: (615) 872-7733           *
* FAX/MODEM: (615) 872-0045 APRS:3610.50N/08635.50W         *
* "Never ask what sort of computer a guy drives."           *
* If he's a Mac user, he'll tell you.                       *
* If not, why embarrass him?" -- Tom Clancy                 *
*****
```

From cn2859@coastalnet.com Mon Oct 28 23:53:58 1996

Received: from abaco.coastalnet.com (abaco.coastalnet.com [204.183.40.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id XAA09113 for <aprssig@tapr.org>; Mon, 28 Oct 1996 23:53:56 -0600 (CST)

Received: from cn2859 (pm-wsh1-40.coastalnet.com [205.245.121.40]) by abaco.coastalnet.com (8.6.12/8.6.12) with ESMTP id AAA05891 for <aprssig@tapr.org>; Tue, 29 Oct 1996 00:54:03 -0500

Message-Id: <199610290554.AAA05891@abaco.coastalnet.com>

From: "David Michael Gaytko" <cn2859@coastalnet.com>

To: <aprssig@tapr.org>

Subject: Re: [APRSSIG:5928] Re: 10 Meter Freq. ?

Date: Tue, 29 Oct 1996 00:53:52 -0500

X-MSMail-Priority: Normal

X-Priority: 3

X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

what do you mean in 2-3yrs.....

copied kp4, and py on 10m yesterday using 1200 baud and ssb!

73's....david

From w4wwwq@juno.com Tue Oct 29 02:46:36 1996

Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id CAA18480 for <aprssig@tapr.org>; Tue, 29 Oct 1996 02:46:34 -0600 (CST)

Received: (from w4wwwq@juno.com) by x3.boston.juno.com (queueemail)  
id AAB01005; Tue, 29 Oct 1996 00:53:43 EST  
To: aprssig@tapr.org  
Date: Mon, 28 Oct 1996 22:04:34 PST  
Subject: Sorry Jack for the alert - appears premature call  
Message-ID: <19961028.224151.4543.1.W4WWQ@juno.com>  
X-Mailer: Juno 1.00  
X-Juno-Line-Breaks: 0-4  
From: w4wwwq@juno.com (Peter J Lascell)

I thought he left but I must have mis interpreted his original message.

Keep the filter on Jack

Pete W4WWQ

From busch\_th@se.crane.navy.mil Tue Oct 29 06:51:45 1996  
Received: from cobra.nwscc.sea06.navy.mil (cobra.nwscc.sea06.navy.mil  
[130.163.65.90]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTTP id GAA24813 for  
<aprssig@tapr.org>; Tue, 29 Oct 1996 06:51:43 -0600 (CST)  
Received: from avoca.se.crane.navy.mil (avoca.se.crane.navy.mil [130.163.8.61]) by  
cobra.nwscc.sea06.navy.mil (8.7.6/8.7.3) with ESMTTP id HAA02460 for  
<aprssig@tapr.org>; Tue, 29 Oct 1996 07:51:36 -0500 (EST)  
Received: from AVOCA/SpoolDir by avoca.se.crane.navy.mil (Mercury 1.21);  
29 Oct 96 07:51:36 -0500 (EST)  
Received: from SpoolDir by AVOCA (Mercury 1.21); 29 Oct 96 07:51:28 -0500 (EST)  
Received: from TOMB by avoca.se.crane.navy.mil (Mercury 1.21) with ESMTTP;  
29 Oct 96 07:51:26 -0500 (EST)  
From: "Tom Busch" <busch\_th@se.crane.navy.mil>  
To: <aprssig@tapr.org>  
Subject: Re: [APRSSIG:5938] Re: Maps with county lines  
Date: Tue, 29 Oct 1996 07:47:27 -0500  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Message-ID: <B82756359A@avoca.se.crane.navy.mil>

I made some a while back using the 2M data. Are any of the 2M formats  
still compatible? The class numbers for boundaries for the 100k seem to  
vary all over the place, and (for Indiana at least) the MK100K programs  
won't convert them.

From schiers@ames.net Tue Oct 29 07:11:18 1996  
Received: from bbs.ames.net (ames.net [206.29.126.2]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id HAA25467 for <aprssig@tapr.org>; Tue, 29 Oct 1996  
07:11:16 -0600 (CST)  
From: schiers@ames.net  
Message-Id: <199610291311.HAA25467@tapr.org>  
Received: from [206.29.126.237] by ames.net id 37370.wrk; Tue, 29 Oct 1996  
06:57:46 -0600

Date: Tue, 29 Oct 96 08:10:24 -0500  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5923] Re: 10 Meter Freq. ?  
In-Reply-To: <857449@bbs.ames.net>  
X-Mailer: MR/2 Internet Cruiser Edition for OS/2 v1.18

In <857449@bbs.ames.net>, on 10/28/96 at 03:55 PM,  
aprssig@tapr.org said:

>I just  
>assumed that operating FSK at 1200 baud is only a 1K shift so the  
>distortion would be about 8% of what you hear on FM. But that my too  
>still be too much to work...

I think you are probably right. Definite improvement with FSK...I was  
commenting only about FM...our experiences there were terrible at 1200  
baud.

73,  
hasan schiers, NOAN--

-----  
schiers@ames.net  
-----

From b.gotshall@worldnet.att.net Tue Oct 29 07:29:56 1996  
Received: from mtigwc01.worldnet.att.net (ns.worldnet.att.net [204.127.129.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA26150 for <aprssig@tapr.org>; Tue, 29  
Oct 1996 07:29:54 -0600 (CST)  
Received: from LOCALNAME ([207.146.65.224]) by mtigwc01.worldnet.att.net  
(post.office MTA v2.0 0613 ) with SMTP id AAA5689  
for <aprssig@tapr.org>; Tue, 29 Oct 1996 13:29:16 +0000  
Message-ID: <327638BE.350B@worldnet.att.net>  
Date: Tue, 29 Oct 1996 09:02:54 -0800  
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>  
X-Mailer: Mozilla 2.01E (Win16; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5905] Re: leaving the sig  
References: <3274D64D.5BEF@concentric.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

William Nolle wrote:

>  
> B.G. Gotshall wrote:  
> >  
> > henryvb wrote:  
> > >  
> > > This is now the 3rd time (that I know of) that this individual has  
  
> > I'll second this message!  
>  
> If nothing else this is at least bringing out all the assholes on the sig,

> mister go get a life.  
> --  
> wa8inz@cris.com

It's language like this that we will really miss!!!

From b.gotshall@worldnet.att.net Tue Oct 29 07:29:58 1996  
Received: from mtigwc01.worldnet.att.net (ns.worldnet.att.net [204.127.129.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA26161 for <aprssig@tapr.org>; Tue, 29  
Oct 1996 07:29:56 -0600 (CST)  
Received: from LOCALNAME ([207.146.65.224]) by mtigwc01.worldnet.att.net  
(post.office MTA v2.0 0613 ) with SMTP id AAA5722  
for <aprssig@tapr.org>; Tue, 29 Oct 1996 13:29:20 +0000  
Message-ID: <32763A22.6916@worldnet.att.net>  
Date: Tue, 29 Oct 1996 09:08:50 -0800  
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>  
X-Mailer: Mozilla 2.01E (Win16; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5915] Re: 10 Meter Freq. ?  
References: <Pine.GS0.3.95.961028122707.12909F-100000@arctic>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>  
> On Mon, 28 Oct 1996 kr4ol@juno.com wrote:  
>  
> > Anybody know of, or currently using 10 Meters for APRS? If so,  
> APRSdos REPLY/COMMENT:  
> DX where APRS QUICKLY plots band openings! I dont remember, but cant we  
> operate at 1200 baud there?  
>  
> Reply mail addr: wb4apr@amsat.org  
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

I use to run a lot of 1200 packet on 10 when the band was in good shape.  
Seems like the freq for 1200 baud was around 28.105 thru 108.

Bud (WB4LTF)

From kr4ol@juno.com Tue Oct 29 08:36:28 1996  
Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA29219 for <aprssig@tapr.org>; Tue, 29  
Oct 1996 08:36:26 -0600 (CST)  
From: kr4ol@juno.com  
Received: (from kr4ol@juno.com) by x6.boston.juno.com (queuemail)  
id JAA04557; Tue, 29 Oct 1996 09:33:43 EST  
To: aprssig@tapr.org  
Date: Tue, 29 Oct 1996 10:25:36 PST  
Subject: Dual 2 Meter devices on one antenna  
Message-ID: <19961029.102541.24039.1.KR40L@juno.com>

X-Mailer: Juno 1.00

X-Juno-Line-Breaks: 0,8-9,28-29,40-41,46-47,49,51-52

Ok, Thanks Larry for prodding me on this one. I promised to send this message regarding how we are using one transmitter, one feedline, and one antenna to serve APRS on 145.790 Mhz. and our Node/BBS on 145.070 Mhz. simultaneously. I'm afraid you may be much more qualified as an electronic technician than I, so you will have much better understanding of the minute details of this. I will explain as best I can how we accomplished this, and you may have to interpolate some of the details.

Lets start at the T/R switch.....we installed an external T/R switch, put a "tee" on the receive side, sending the leads to two separate receivers. One receiver is on 145.790 Mhz., the other is on 145.070 Mhz. Each of these receivers sends receive audio to its own TNC. I am using Kantronics TNC's, so when the TNC calls for transmit, it does so by showing ground potential to the rigs' PTT. It just so happens that in a crystal radio, channel selection is made by grounding the crystal of the channel to be used. So, the TNC has the ability to "choose" channels in the radio at the same time it calls for PTT. So, as each TNC calls for transmit, it automatically chooses the correct channel in the transmitter, and keys the rig. That is how a single transmitter can serve the two frequencies. There are some other important details that must be addressed. We set TXDelay to 50 to allow the TNC plenty of time to switch channels and get the rig keyed. The data-out from the two TNC's are tied together to the mic. input of the Rig. Pin 2 on Kantronics TNC, when shown ground potential, show a "busy" on the TNC, so it cannot transmit. We hooked Pin 2 on each TNC to the PTT of the other, so when one TNC is transmitting it shows "busy" on the other. This avoids internal collisions.

When we first started talking about this, it sounded real good in theory, but we wondered how it would actually behave in "field conditions". Well, its been up & running now for a couple of weeks and so far it has exceeded our expectations. Each side is apparently transparent to the other, there have been very few "misses", and unless the process is explained, users never know the transmitter is serving two masters. Each TNC has the capability to "hold" a valid packet frame for transmit until the "busy" condition ceases, then calls for transmit. I am sure that there will be the odd frame that will be missed due to the receiver not being available at the time, but in watching it over the past few weeks, it appears to be very few.

Well, basically, thats it! cat's out of the bag. This technique has allowed us to add APRS to our existing Node/BBS without having to add another transmitter, feedline, and antenna. With our transmit antenna 400' up the tower, this makes our Digi very advantageous to the network. (we hope).....

73! de Tom, KR40L

@KR40L.#MCN.GA.USA.NA

or KR40L

@Juno.com

From JohnLGaf@gnn.com Tue Oct 29 08:55:05 1996  
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id IAA29943 for <aprssig@tapr.org>; Tue, 29 Oct 1996 08:55:02 -0600 (CST)  
Received: from 13-68.client.gnn.com. (13-68.client.gnn.com [205.188.13.68]) by mail-e2b.gnn.com (8.7.1/8.6.9) with SMTP id JAA01383 for <aprssig@tapr.org>; Tue, 29 Oct 1996 09:54:28 -0500 (EST)  
Message-Id: <199610291454.JAA01383@mail-e2b.gnn.com>  
X-Mailer: GNNmessenger 1.3  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Tue, 29 Oct 1996 08:53:56  
From: JohnLGaf@gnn.com (John L. Gafford)  
To: aprssig@tapr.org  
Subject: DIGIpeats

I am centrally located in Texas (Waco, half way between Dallas-FtWorth and Austin). When I first started using APRS I had no problem getting digis back. I can see stations from DFW to Houston, but xa gives me the message, "APRS did not see a DIGIpeat of your last packet...". I am using UNPROTO of RELAY,WIDE,WIDE. Even when N5PAY-3 (a wide area digi in Temple - about 30 miles south of Waco) is on the air, I still get the "APRS did not see" message. What has possibly changed, or what am I doing wrong? At one time I could send and receive messages to Granbury, Temple and Austin. Occasionally, xa results in a response, but it is rare and intermittent. I am using DOSAPRS 77d, and have tried earlier versions with the same results. Any suggestions will be sincerely appreciated.

John - N5XAK

From bruninga@nadn.navy.mil Tue Oct 29 09:10:36 1996  
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA00746 for <aprssig@tapr.org>; Tue, 29 Oct 1996 09:10:34 -0600 (CST)  
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id KAA26156 for <aprssig@tapr.org>; Tue, 29 Oct 1996 10:15:43 -0500 (EST)  
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs  
Date: Tue, 29 Oct 1996 10:15:43 -0500 (EST)  
From: Bob Bruninga <bruninga@nadn.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5926] Re: Map data from remote U2000  
In-Reply-To: <Pine.SOL.3.91.961028172245.1969B-1000000@ns1>  
Message-ID: <Pine.GSO.3.95.961029101458.22052B-1000000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Unless you tell me what is on the P-LIST for that station, I cant tell anything from what you sent me...

On Mon, 28 Oct 1996, Geoff Peacock wrote:

```
> I have set weather, display justwx
>
> then set w, d, temp and get:
>   _ ^F/   "
> with t, d, wind :
>   ****/   g.../   "
> with w, d, barom:
>   ****//   "
>
> on screen next to blue dot.
>
> When I select with N I get WB4QEV-3      :      MPH_   ^F
> at the top of the screen.
>
> And at the bottom of the screen I get
>
> pos:!!*****/3031.31N/08807.31W_
>   !!0000009002F503B1----03E3-----012D052200000000
>
> (^ is the degree symbol, spaces may vary for displays next to blue dot.
> Hard to count)
>
> Hope this is enough to troubleshoot.
>
> Geoff Peacock
> Mobile Area Free-Net, Inc.
> -----o00__( )__00o_
> geoff@maf.mobile.al.us                      (334) 405-4600
>
> On Sun, 27 Oct 1996, Bob Bruninga wrote:
>
> > On Sun, 27 Oct 1996, Geoff Peacock wrote:
> >
> > > I have an Ultimeter 2000 set up remotely. What follows is an example of
> > > its packets. I get the blue dot but no wind direction indicator from the
> > >
> > > WB4QEV-3>APRS,K4ZM-1:!3031.31N/08807.31W_
> > > WB4QEV-3>GPS:!!00590084030903B1----03D7-----012C04ED04070050
> > > WB4QEV-3>GPS:!!00460093030903B1----03D7-----012C04EE04070046
> >
> > APRSdos REPLY/COMMENT: I will need you to send me the exact format as
> > APRS displays it on the P-List if you want me to figure out anything...
> >
> > Reply mail addr: wb4apr@amsat.org
> > See APRS LIVE: http://web.usna.navy.mil/~bruninga/aprs.html
> >
```



> >  
>  
>

APRSdos REPLY/COMMENT:

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From nickart@midtenn.net Tue Oct 29 10:24:07 1996

Received: from sneezy.midtenn.net (root@sneezy.midtenn.net [205.241.239.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA03823 for <aprssig@tapr.org>; Tue, 29 Oct 1996 10:24:05 -0600 (CST)

Received: from net094.midtenn.net (net094.midtenn.net [205.241.239.94]) by sneezy.midtenn.net (8.6.12/8.6.12) with SMTP id LAA01444 for <aprssig@tapr.org>; Tue, 29 Oct 1996 11:24:53 GMT

Date: Tue, 29 Oct 1996 11:24:53 GMT

Message-Id: <199610291124.LAA01444@sneezy.midtenn.net>

X-Sender: nickart@mail.midtenn.net (Unverified)

X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: nickart@midtenn.net (Nicholas R. Smith)

Subject: Re: [APRSSIG:5909] WinAPRS 1.1.6 and HSP

Dear Mark:

When operating both HF and VHF (dual port) on DSP 2232 I do not get both VHF and HF indications of received packets. Both the VHF and HF show up as VHF, just wonder if anyone else is having this same problem.

Thanks.

>I have HSP finished for WinAPRS.

>

>There is a new DLL, Serial32.dll. This is required for proper operation.

>Note: I do NOT have the new DLL finished for Windows 3.1, so HSP will not

>work on Win 3.1 yet. When I finish the 16 bit DLL, you will simply need to

>download the new DLL and it will work.

>

>

>

> <ftp://aprs.rutgers.edu/pub/hamradio/aprs/WinAPRS/>

>

> <ftp://ftp.tapr.org/tapr/SIG/aprssig/files/winstuff/WinAPRS/>

>

>Also support for the Agrello DFjr is now working properly.

>

>

>Mark

>

>

>-----  
>Mark Sproul

|Amateur Radio: KB2ICI

>Software Engineer @ Assoc Press |  
>sproul@ap.org |Work: 609-860-7120  
>North Brunswick, NJ |Fax: 609-860-7129  
>http://msproul.rutgers.edu/

>-----  
>  
>  
>  
>

Nick Smith WA4GKM

Editor - "Amateur Radio Trader"  
Chief Pilot - Consultant - "Trade-A-Plane"

e-mail wa4gkm@amsat.org  
800-774-2623 voice  
800-423-9030 fax

From paul@tech.cyclades.com Tue Oct 29 10:37:13 1996  
Received: from tech.cyclades.com (root@tech.cyclades.com [208.138.19.34]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA04373 for <aprssig@tapr.org>; Tue, 29  
Oct 1996 10:37:11 -0600 (CST)  
Received: from localhost by tech.cyclades.com  
with smtp id m0vIHA6-0006MsC  
(Debian /\oo/\ Smail3.1.29.1 #29.37); Tue, 29 Oct 96 08:37 PST  
Date: Tue, 29 Oct 1996 08:37:10 -0800 (PST)  
From: Paul Christenson <paul@tech.cyclades.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5928] Re: 10 Meter Freq. ?  
In-Reply-To: <UPMAIL02.199610290031350412@msn.com>  
Message-ID: <Pine.LNX.3.95.961029083622.7026A-100000@tech.cyclades.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Oct 1996, Carolyn Cavanagh wrote:

> I can't tell you first thing about the AEA tnc's.

Well, the difference between the ports on the DSP-232 is that the VHF port  
can do 9600.

```
+-----+  
| Technical Support Engineer, Cyclades Corporation |  
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |  
| High Performance Multiport Serial Cards & Routers |  
| Unsolicited mail ads subject to a $25 handling fee |  
+-----+
```

From paul@tech.cyclades.com Tue Oct 29 10:49:41 1996  
Received: from tech.cyclades.com (root@tech.cyclades.com [208.138.19.34]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA05040 for <aprssig@tapr.org>; Tue, 29  
Oct 1996 10:49:40 -0600 (CST)  
Received: from localhost by tech.cyclades.com  
with smtp id m0vIHMA-0006MsC

(Debian /\oo/\ Smail3.1.29.1 #29.37); Tue, 29 Oct 96 08:49 PST  
Date: Tue, 29 Oct 1996 08:49:38 -0800 (PST)  
From: Paul Christenson <paul@tech.cyclades.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5937] Re: 10 Meter Freq. ?  
In-Reply-To: <32753612.109454939@relay.mnsinc.com>  
Message-ID: <Pine.LNX.3.95.961029084522.7026B-100000@tech.cyclades.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Oct 1996, Richard H. wrote:

> 28105lsb sound like a winner Tom.

I'd suggest 28.2xx for APRS. The 28.1xx freqs are full of keyboarders when the band is up.

```
+-----+
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| High Performance Multiport Serial Cards & Routers |
| Unsolicited mail ads subject to a $25 handling fee |
+-----+
```

From bruninga@nadm.navy.mil Tue Oct 29 11:00:46 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA05382 for <aprssig@tapr.org>; Tue, 29 Oct 1996 11:00:41 -0600 (CST)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id MAA21002 for <aprssig@tapr.org>; Tue, 29 Oct 1996 12:05:50 -0500 (EST)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Tue, 29 Oct 1996 12:05:49 -0500 (EST)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5935] Re: 6M Frequency Proposal  
In-Reply-To: <3275350d.109193346@relay.mnsinc.com>  
Message-ID: <Pine.GS0.3.95.961029120357.3683D-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Oct 1996, Richard H. wrote:

> Rich -- what are the problems with 50.62 ? Missed it the first time  
> around.

APRSDOS REPLY/COMMENT: He cant get a radio that will tune both the high end and the low end of the band simultaneously. In my opinion, that is what makes 50.62 so good. Nobody with a voice radio is going to bother with it, so if you xtal up an old low band radio and dedicate it to APRS, then you have no problems...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Tue Oct 29 11:02:39 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA05446 for <aprssig@tapr.org>; Tue, 29 Oct 1996 11:02:38 -0600 (CST)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id MAA21545 for <aprssig@tapr.org>; Tue, 29 Oct 1996 12:07:46 -0500 (EST)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Tue, 29 Oct 1996 12:07:46 -0500 (EST)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5937] Re: 10 Meter Freq. ?  
In-Reply-To: <32753612.109454939@relay.mnsinc.com>  
Message-ID: <Pine.GS0.3.95.961029120626.3683E-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Oct 1996, Richard H. wrote:

> 28105lsb sound like a winner Tom. Let me know when the testing  
> begins.

APRSDos REPLY/COMMENT: Actually, I liked the 28.2777 (28.APRS) idea and was in the process of adding it to my docs. But Im not a 10m operator, so You guys figure it out and lemme know...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From np2ij@flinet.com Tue Oct 29 11:12:55 1996  
Received: from shell.flinet.com (root@shell.flinet.com [205.216.85.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA05991 for <aprssig@tapr.org>; Tue, 29 Oct 1996 11:12:53 -0600 (CST)  
Received: from np2ij.flinet.com (wpb91.flinet.com [206.102.216.91]) by shell.flinet.com (8.7.6/8.6.9) with SMTP id FAA01657 for <aprssig@tapr.org>; Tue, 29 Oct 1996 05:08:41 -0500 (EST)  
Message-ID: <32762F7B.34E9@flinet.com>  
Date: Tue, 29 Oct 1996 12:13:17 -0500  
From: Derick Anness <np2ij@flinet.com>  
Reply-To: np2ij@flinet.com  
Organization: Planet Earth School of Life  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5946] DIGIpeats  
References: <199610291454.JAA01383@mail-e2b.gnn.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John, it sounds like your closest neighbor changed the MYAlias in their tnc away from the default of relay. you may need to get more digi specific in your unproto path to see the digipeat. i dont know how far away n5pay-3 is from you, but you could try Unproto N5PAY-3, wide, wide. In SFlorida, I use about 3 very digi specific paths to get out, via WA4HXZ-3, KF4DX-1, KD4EMI-3, this gets the path south into Miami. via WA4HXZ-3 for keyboarding with friends via wide, wide, wide for general coverage in our area (where everyone is a wide hihi). John I hope this helps..73  
--

I think we're all Bozos on this bus!

Derick Anness, NP2IJ  
Jupiter Farms, Fl.  
np2ij@flinet.com  
<http://www.flinet.com/~np2ij>

From khufford@erols.com Tue Oct 29 11:26:26 1996  
Received: from smtp1.erols.com (root@smtp1.erols.com [205.252.116.101]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA06886 for <aprssig@tapr.org>; Tue, 29 Oct 1996 11:26:24 -0600 (CST)  
Received: from khufford.dot.gov ([152.120.98.42]) by smtp1.erols.com (8.7.5/8.7.3) with ESMTP id MAA05132 for <aprssig@tapr.org>; Tue, 29 Oct 1996 12:26:21 -0500 (EST)  
Message-Id: <199610291726.MAA05132@smtp1.erols.com>  
From: "Kent Hufford" <khufford@erols.com>  
To: <aprssig@tapr.org>  
Subject: ARPS PICO w/2port settings?  
Date: Tue, 29 Oct 1996 12:31:01 -0500  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Could some expert (or non-expert) please give me to correct settings for the Paccom PICO TNC w/2nd port that is used with APRS 7.7d, Garmin 45?

A dump the internal settings of the PICO would be great. Or what are the settings required in APRS (dos or WIN).

This APRS stuff sure is fun... once the settings are right. But, maybe it is the quest for the right ones that is fun. Dont know.

thanks in advance

Kent V Hufford  
KQ4KK  
khufford@erols.com

From cbuttsch@slonet.org Tue Oct 29 12:28:25 1996  
Received: from spork.callamer.com (cbuttsch@spork.callamer.com [199.74.141.2]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id MAA09625 for <aprssig@tapr.org>; Tue, 29 Oct 1996 12:28:20 -0600 (CST)  
Received: from localhost (cbuttsch@localhost) by spork.callamer.com (8.7.6/8.7.3) with SMTP id KAA20614; Tue, 29 Oct 1996 10:24:23 -0800 (PST)  
Date: Tue, 29 Oct 1996 10:24:18 -0800 (PST)  
From: Clifford Buttschardt <cbuttsch@slonet.org>  
X-Sender: cbuttsch@spork.callamer.com  
To: dougwe@ccintnet.wrq.com  
cc: aprssig@tapr.org  
Subject: Re: [APRSSIG:5931] Re: 10 Meter Freq. ?  
In-Reply-To: <9609288465.AA846556422@ccintnet.wrq.com>  
Message-ID: <Pine.GS0.3.95.961029102251.13494I-100000@spork.callamer.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Excellent use for an old PK 232 but you might let us know what is required in the way of chips to accomodate APRS. Also, I believe one must be above 29 MHz to use 1200 baud. Cliff K7RR

On Mon, 28 Oct 1996 dougwe@ccintnet.wrq.com wrote:

>  
> You can use either port with with the MJF-1278. They change filter  
> bandwidths in the analog section with a switched capacitor filter.  
> I can't tell you first thing about the AEA tnc's.  
> Jack, KB4XF, Carolyn's OM  
> cjcavanagh@msn.com  
>  
>  
> The PK-232 works fine at 1200 on ten meters - I've always used the  
> same settings as vhf and have no trouble.  
>  
> Doug  
> KC7CO  
>  
>

From clark@tomcat.gsfc.nasa.gov Tue Oct 29 13:22:05 1996  
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA11828 for <aprssig@tapr.org>; Tue, 29 Oct 1996 13:22:04 -0600 (CST)  
Date: Tue, 29 Oct 96 19:01:05 UTC  
Message-Id: <2368@tomcat.gsfc.nasa.gov>  
From: clark@tomcat.gsfc.nasa.gov (Tom Clark -- W3IWI)  
Reply-To: clark@tomcat.gsfc.nasa.gov  
To: aprssig@tapr.org  
Subject: W3IWI-13 DGPS

Today I made a minor change on the W3IWI-13 DGPS beacon to provide better coverage, especially into the Chesapeake Bay. Formerly the beacon was sending its <UI> frames W3IWI-13>WIDE where the main WIDE I see is WB4APR-1 in Annapolis. I changed it to W3IWI-13>WIDE>WIDE so that there was a better chance of hitting the PAX RIVER digi, as well as providing

better coverage to the north into PA/SNJ.

In case you start seeing heiroglyphics on the screen, never fear! They are intentional. They come at the rate of one beacon per 20 seconds to give a good chance that a DGPS user will get two corrections within the one minute "aging" period common to most GPS receivers. The DGPS data strings are all under ~60 characters long, and all the characters are printable (even though they are illegible to mere mortal humans!).

As I reported before, the DGPS bits are generated by a professional (Trimble 4000SSE) GPS receiver connected to the same GPS antenna used for my IGS (International GPS Service for Geodynamics) site called GODE. The amateur interface begins at the RS232 connector and consists of a personal PK232, IC-27 and 6 dB gain "stick" on a ~30' tower next to the GODE site.

I am anxious to get reports, both on the W3IWI-13 coverage area and from people who use the DGPS signals with their GPS receiver. Out to a couple of hundred km from the Greenbelt MD area, the DGPS signals should help improve the accuracy of your handheld GPS receiver to the <10 meter level, removing the effects of the DoD's Selective Availability (SA) dithering. Also the accuracy of your velocity determinations will improve -- no longer will your GPS receiver say you are moving 1-2 MPH when you are fixed. If your GPS receiver says it is "DGPS Ready", all you should have to do is to poke the 4800 baud data stream from your TNC into the GPS's RXD data input connection (and perhaps tell the receiver to accept DGPS inputs); the heiroglyphics in the DGPS beacon are formatted the same as the bits coming from commercial ~300 kHz or FM subcarrier DGPS receivers.

I believe WB4APR still has "hooks" in APRS (they were there eons ago) to pass the DGPS bits from the TNC into your GPS receiver. I haven't had the chance to test this with a recent APRS 7.x release. Can Bob or somebody report if it still works, and perhaps post a note on how to configure APRS to make it happen?

73 de Tom, W3IWI

From dougwe@ccintnet.wrq.com Tue Oct 29 21:15:15 1996  
Received: from elmer.wrq.com (elmer.wrq.com [150.215.17.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA25263 for <aprssig@tapr.org>; Tue, 29 Oct 1996 21:15:12 -0600 (CST)  
From: dougwe@ccintnet.wrq.com  
Received: from ccintnet.wrq.com ([150.215.5.110]) by elmer.wrq.com with SMTP (1.37.109.20/15.6) id AA287133651; Tue, 29 Oct 1996 13:14:11 -0800  
Received: from ccMail by ccintnet.wrq.com (SMTPLINK V2.10.08) id AA846623826; Tue, 29 Oct 96 13:15:38 PST  
Date: Tue, 29 Oct 96 13:15:38 PST  
Message-Id: <9609298466.AA846623826@ccintnet.wrq.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5955] Re: 10 Meter Freq. ?

The lower limit for 1200 is 28 Mhz, according to my FCC rules.. hence the activity 28.105 & up.

As far as APRS is concerned, unless you are going to use the PK232 as a tracker (WHY???????), there isn't anything special required. I have an ancient one with 1988 proms, and it works great.

I don't think AEA supports GPS in any PK232 firmware release.

Doug  
KC7CO

----- Reply Separator -----  
Subject: [APRSSIG:5955] Re: 10 Meter Freq. ?  
Author: aprssig@tapr.org at CCINTNET  
Date: 10/29/96 11:53 AM

Excellent use for an old PK 232 but you might let us know what is required in the way of chips to accomodate APRS. Also, I believe one must be above 29 MHz to use 1200 baud. Cliff K7RR

> The PK-232 works fine at 1200 on ten meters - I've always used the  
> same settings as vhf and have no trouble.  
>  
> Doug  
> KC7CO  
>  
>

From bruninga@nadm.navy.mil Tue Oct 29 21:19:30 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA25812 for <aprssig@tapr.org>; Tue, 29 Oct 1996 21:19:26 -0600 (CST)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id VAA11479 for <aprssig@tapr.org>; Tue, 29 Oct 1996 21:22:17 -0500 (EST)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Tue, 29 Oct 1996 21:22:17 -0500 (EST)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: HF on 10m  
Message-ID: <Pine.GS0.3.95.961029211103.7673C-1000000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Several responses to someones question about 10M APRS freq.  
WB4LTF said between 28.105 to 108  
KB40AM said 28.195  
N3EOP suggested 28.2777 (28.APRS)

I liked the last one due to its memorability, but then I also hate



lettered phone numbers because you have to "convert" them to use them...

One that I can certainly remember would be 28.151 LSB ( like 10.151 LSB)

PROBLEM: We need an HF TNC survey! We must choose frequencies that coincide with even 1 KHz so that commercial radios can tune in the signals with standard TNC's. They CANNOT RIT... The current 10.151 was defined by my old KAM which uses 1700 Hz center tones. Many new TNCs use 2125 Hz center tones. Note that this is a 425 Hz difference that even the Navy radios with 100 Hz switches cannot hit within 25 Hz.

Of everyone on 10.151 we need a comprehensive survey of who is using 1700 Hz tones and who is using 2125 tones. If its 50/50 then there is no reason to standardize. If it is 10% and 90% then we need to do something... WHO on HF can start beaconing a bulletin and requesting everyone to tell them their tones? Rather than making them THINK, simply ask everyone to "report their dial frequency" we can infer their tones from that...

WHO will volunteer to do this? W3ADO PC monitor is burned up. Its on the air, but I cant see the screen without a lot of hassle, or I would...

Reply mail addr: wb4apr@amsat.org

See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From cjcavanagh@msn.com Tue Oct 29 21:22:54 1996

Received: from upsmot02.msn.com (upsmot02.msn.com [204.95.110.79]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA26030 for <aprssig@tapr.org>; Tue, 29 Oct 1996 21:22:53 -0600 (CST)

Received: from upmajb06 ([204.95.110.89]) by upsmot02.msn.com (8.6.8.1/Configuration 4) with SMTP id QAA14102 for <aprssig@tapr.org>; Tue, 29 Oct 1996 16:35:41 -0800

Date: Wed, 30 Oct 96 01:32:02 UT

From: "Carolyn Cavanagh" <cjcavanagh@msn.com>

Message-Id: <UPMAIL02.199610300135190180@msn.com>

To: aprssig@tapr.org

Subject: RE: [APRSSIG:5938] Re: Maps with county lines

Yes it would be possible to make maps with only politcal boundaries, but one would have to hack on the makmap code.....it is a relatively easy hack...just a simple software change....har! The alternative is to make a minimum feature map from the 1:2,000,000 CD and then delete eveything but boundaries with mapfix.

Re: boundaries on 100K CD They ain't there! This CD was release without that data. The manaula says it should be there but I guess they ran out of room. You can get the 100K political boundary data from the USGS ftp site. However a hack would be required in this case as mk100kv3 and earlier versions ignore any typoe on data not found on the CD.

Jack Cavanagh, KB4XF (Carolyn is my XYL, aka AC4SK)  
cjcavanagh@msn.com

..

From rparry@qualcomm.com Tue Oct 29 21:23:14 1996  
Received: from warlock.qualcomm.com (warlock.qualcomm.com [129.46.52.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA26076 for <aprssig@tapr.org>; Tue, 29 Oct 1996 21:23:12 -0600 (CST)  
Received: from adept.qualcomm.com (adept.qualcomm.com [129.46.50.81]) by warlock.qualcomm.com (8.7.5/1.3/8.7.2/1.12) with ESMTP id MAA04675 for <aprssig@tapr.org>; Tue, 29 Oct 1996 12:24:57 -0800 (PST)  
Received: from [129.46.159.136] (rparry-mac.qualcomm.com [129.46.159.136]) by adept.qualcomm.com (8.7.5/1.3/8.7.2/1.12) with ESMTP id MAA07251 for <aprssig@tapr.org>; Tue, 29 Oct 1996 12:25:37 -0800 (PST)  
X-Sender: rparry@nala.qualcomm.com  
Message-Id: <v0300780bae9c17567021@[129.46.159.136]>  
In-Reply-To: <199610291726.MAA05132@smtp1.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Tue, 29 Oct 1996 12:25:34 -0800  
To: aprssig@tapr.org  
From: Richard Parry <rparry@qualcomm.com>  
Subject: Beacon when mobile is stopped QUESTION

I understand that a mobile station transmits frequently (once every 1-5 minutes) at least compared to a fixed station (once an hour). Is it expected practice that when a mobile APRS station (vehicle) "parks" for the night that it should turned itself off and stop beaconing?

In other words, I would like to be able to set my APRS vechicle to 5 minute beacons and keep it on 24 hours a day. Is this bad practice or acceptable?

Just trying to be a good APRS neighbor.

-----  
Richard Parry, P.E., W9IF - Ext 8-4972, Office R-307B  
Globalstar/Gateway Reverse Link Software Engineer  
Internal Web --> <<http://qcwww/~rparry>>  
External Web --> <<http://www.qualcomm.com/~rparry>>  
-----

From davidmc@goodnet.com Tue Oct 29 21:25:50 1996  
Received: from goodguy.goodnet.com (goodnet.com [207.98.129.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA26224 for <aprssig@tapr.org>; Tue, 29 Oct 1996 21:25:48 -0600 (CST)  
Received: from 207.98.132.73 (phx-ts8-8.goodnet.com [207.98.132.73]) by goodguy.goodnet.com (8.7.5/Unknown) with SMTP id UAA15089 for <aprssig@tapr.org>; Tue, 29 Oct 1996 20:00:35 -0700 (MST)  
Message-ID: <3276C50D.25D7@goodnet.com>  
Date: Tue, 29 Oct 1996 20:01:48 -0700  
From: David McCarthy <davidmc@goodnet.com>  
X-Mailer: Mozilla 3.0 (Macintosh; I; PPC)  
MIME-Version: 1.0  
To: aprssig@tapr.org

Subject: APRS IN TUCSON  
References: <v02140b01ae9b07120888@[199.1.11.154]>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anybody have info about APRS activity in Tucson. REALYS? WIDES?  
Callsigns to look for. Anything will be appreciated. Thanks.

--

David McCarthy - KC7AYX - Motorola Amateur Radio Club of AZ  
email: davidmc@goodnet.com packet: kc7ayx@kc7y.az.usa.noam  
Visit the family homepage: <http://www.goodnet.com/~davidmc/>  
"As for me and my house, we will serve the Lord." Jos 24:15

From bruninga@nadm.navy.mil Tue Oct 29 21:29:39 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA26447 for <aprssig@tapr.org>; Tue, 29  
Oct 1996 21:29:37 -0600 (CST)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil  
(8.7.5/8.7.3) with SMTP id PAA20005 for <aprssig@tapr.org>; Tue, 29 Oct 1996  
15:47:56 -0500 (EST)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Tue, 29 Oct 1996 15:47:56 -0500 (EST)  
From: Bob Bruninga <bruninga@nadm.navy.mil>  
X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5956] W3IWI-13 DGPS  
In-Reply-To: <2368@tomcat.gsfc.nasa.gov>  
Message-ID: <Pine.GS0.3.95.961029154637.18065D-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 29 Oct 1996, Tom Clark -- W3IWI wrote:

>

> I believe WB4APR still has "hooks" in APRS (they were there eons ago) to  
> pass the DGPS bits from the TNC into your GPS receiver. I haven't had the  
> chance to test this with a recent APRS 7.x release.

APRSDOS REPLY/COMMENT: I think it is still there. Select alt-S-GPS-DGPS  
and that should do it...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Tue Oct 29 21:29:40 1996  
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA26451 for <aprssig@tapr.org>; Tue, 29  
Oct 1996 21:29:38 -0600 (CST)  
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil  
(8.7.5/8.7.3) with SMTP id PAA18747 for <aprssig@tapr.org>; Tue, 29 Oct 1996  
15:41:33 -0500 (EST)  
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs  
Date: Tue, 29 Oct 1996 15:41:33 -0500 (EST)  
From: Bob Bruninga <bruninga@nadm.navy.mil>

X-Sender: bruninga@arctic  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5932] Re: Maps & Longitude Latitude Co-ordinates  
In-Reply-To: <9610290139.AA51330@ecua.net.ec>  
Message-ID: <Pine.GSO.3.95.961029153845.18065B-100000@arctic>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Oct 1996, teodoro jaramillo wrote:

> Maps MISTERY STILL not resolved....  
> I have locally visited and tried from Municipalities and also from a  
> Military Organization to obtain any kind of digital Maps for Ecuador...and  
> HC5K

APRSdos REPLY/COMMENT: Woaha, I spent a lot of time making a map of Ecuador back in August. It was probably called ECUADOR.MAP and I posted it on the SIG im sure. But I cant find a copy now on ANY of my PC's. though I did find that I had added the major roads to the South America NORTH map SANORTH.map. I will send it to you privately, but I sure hope someone got a copy of the original ECUADOR.MAP since it had the smaller roads and towns on it...

Reply mail addr: wb4apr@amsat.org  
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From rparry@qualcomm.com Tue Oct 29 21:32:46 1996  
Received: from warlock.qualcomm.com (warlock.qualcomm.com [129.46.52.129]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA26710 for <aprssig@tapr.org>; Tue, 29 Oct 1996 21:32:45 -0600 (CST)  
Received: from adept.qualcomm.com (adept.qualcomm.com [129.46.50.81]) by warlock.qualcomm.com (8.7.5/1.3/8.7.2/1.12) with ESMTP id LAA00688 for <aprssig@tapr.org>; Tue, 29 Oct 1996 11:56:10 -0800 (PST)  
Received: from [129.46.159.136] (rparry-mac.qualcomm.com [129.46.159.136]) by adept.qualcomm.com (8.7.5/1.3/8.7.2/1.12) with ESMTP id LAA03134 for <aprssig@tapr.org>; Tue, 29 Oct 1996 11:56:49 -0800 (PST)  
X-Sender: rparry@nala.qualcomm.com  
Message-Id: <v0300780aae9c1107f485@[129.46.159.136]>  
In-Reply-To: <199610291726.MAA05132@smtp1.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Tue, 29 Oct 1996 11:56:47 -0800  
To: aprssig@tapr.org  
From: Richard Parry <rparry@qualcomm.com>  
Subject: Re: [APRSSIG:5954] ARPS PICO w/2port settings?

I don't have answer to your question, but since you have a pico from Paccomm I thought I would ask how you like it so far. Seems like the APRS SIG likes the KPC-3. I was thinking of the Pico with a built in GPS since it is nice and small and has a few other features.

Since it is expensive \$600 before I purchase it, I thought I would ask how you like it so far?

>Could some expert (or non-expert) please give me to correct settings for  
>the Paccom PICO TNC w/2nd port that is used with APRS 7.7d, GARmin 45?  
>  
>A dump the internal settings of the PICO would be great. Or what are the  
>settings required in APRS (dos or WIN).  
>  
>This APRS stuff sure is fun... once the settings are right. But, maybe it  
>is the quest for the right ones that is fun. Dont know.  
>  
>thanks in advance  
>  
>Kent V Hufford  
>KQ4KK  
>khufford@erols.com

```
*****
* Richard R. Parry, R-307B      * (619) 658-4972 (Day)      *
* Qualcomm, Inc.               * (619) 748-2014 (Eve)      *
* 6455 Lusk Blvd.              * (619) 658-1022 (Fax)      *
* San Diego, CA 92121-2779     * email: rparry@qualcomm.com *
*****
```

From kkelly@Radix.Net Tue Oct 29 21:40:10 1996  
Received: from news1.radix.net (news1.radix.net [204.157.34.41]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id VAA27512 for <aprssig@tapr.org>; Tue, 29 Oct 1996  
21:40:08 -0600 (CST)  
Received: from [206.62.179.12] (dialin6.annex5.radix.net [206.62.179.12]) by  
news1.radix.net (8.7.6/8.7.3) with SMTP id UAA18665 for <aprssig@tapr.org>; Tue,  
29 Oct 1996 20:31:29 -0500 (EST)  
Message-Id: <199610300131.UAA18665@news1.radix.net>  
To: "aprssig@tapr.org" <aprssig@tapr.org>  
Subject: W3IWI-13 BIG @ PAX  
Date: Tue, 29 Oct 96 20:31:41 -0500  
From: Kevin Kelly <kkelly@Radix.Net>  
X-Mailer: E-Mail Connection v3.1

-- [ From: Kevin Kelly \* EMC.Ver #3.1 ] --

Greetings SIG:

A quick note to say that Tom Clark's DGPS is going like gangbusters via the  
W3PQT-1 digi at Pax River which is located in Southern Md. where the  
Patuxent River and the Chesapeake Bay meet. Should be a hit with the  
boaters.

73,  
Kevin Kelly/N6QAB

From kkelly@Radix.Net Tue Oct 29 21:40:13 1996  
Received: from news1.radix.net (news1.radix.net [204.157.34.41]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA27514 for <aprssig@tapr.org>; Tue, 29 Oct 1996 21:40:10 -0600 (CST)  
Received: from [206.62.179.12] (dialin6.annex5.radix.net [206.62.179.12]) by news1.radix.net (8.7.6/8.7.3) with SMTP id UAA18680 for <aprssig@tapr.org>; Tue, 29 Oct 1996 20:31:37 -0500 (EST)  
Message-Id: <199610300131.UAA18680@news1.radix.net>  
To: "aprssig@tapr.org" <aprssig@tapr.org>  
Subject: APRS Node symbol?  
Date: Tue, 29 Oct 96 20:31:49 -0500  
From: Kevin Kelly <kkelly@Radix.Net>  
X-Mailer: E-Mail Connection v3.1

-- [ From: Kevin Kelly \* EMC.Ver #3.1 ] --

Greeting SIG:

Now that the N6QAB repeater has an APRS Node. I was wondering if anyone has a suggestion for a "Node" symbol? And should it have the the Rptr freq displayed with the symbol, or just put it in the BT.

Your suggestions are most welcome.

73,  
Kevin Kelly/N6QAB

From kkelly@Radix.Net Tue Oct 29 21:44:07 1996  
Received: from news1.radix.net (news1.radix.net [204.157.34.41]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA27718 for <aprssig@tapr.org>; Tue, 29 Oct 1996 21:44:03 -0600 (CST)  
Received: from [206.62.179.12] (dialin6.annex5.radix.net [206.62.179.12]) by news1.radix.net (8.7.6/8.7.3) with SMTP id UAA18674 for <aprssig@tapr.org>; Tue, 29 Oct 1996 20:31:33 -0500 (EST)  
Message-Id: <199610300131.UAA18674@news1.radix.net>  
To: "aprssig@tapr.org" <aprssig@tapr.org>  
Subject: N6QAB Rptr Node  
Date: Tue, 29 Oct 96 20:31:45 -0500  
From: Kevin Kelly <kkelly@Radix.Net>  
X-Mailer: E-Mail Connection v3.1

-- [ From: Kevin Kelly \* EMC.Ver #3.1 ] --

Greetings SIG:

The N6QAB repeater is now fully functional as both a voice machine, and an APRS repeater NODE. The frequency is 145.130 minus PL 156.7 (voice), no PL required for Data on the input.

The machine consists of a Midland LMR commercial receiver, exciter, power amp, and a CAT 300DX controller. The Rptr receiver antenna is a Diamond

500XNA dual band antenna @ 90 ft, with the tx antenna located @ 80 ft. The receiver has an inline pre amp installed which gives it .14uV @12dB SINAD sensitivity.

The APRS Rptr NODE taps off the high side of the receiver volume control and is fed to the rx audio pin of port 2 on a KPC-4. Port 1 is connected to a dedicated GE custom MVP on 145.790. The MVP uses an 11 element beam @ 70 ft pointing North to WB4APR-1 for both tx and rx. As luck would have it, the W3PQT-1 Digi is 1 mile away directly off the back end of the beam.

MYA = WIDE/WIDE (PORT 1/PORT 2)  
MYG = RELAY  
UNPROTO = W3PQT-1,WIDE

At the moment no PL is required for APRS "Data" on the NODE input. In the near future, one of the two planned remote sites will be coming online. Due to the nature of the remote installation, PL may be required. Limited testing of APRS "data" transmissions with PL on the input have not degraded the NODE's operation. More experimentation will take place later, once the voter is added to the system.

If you plan on being in the southern Md. area, whether by auto, boat, or plane, bring your APRS gear and MIC-E because we are APRS friendly!

73,  
Kevin Kelly/N6QAB

From glittle@awod.com Tue Oct 29 21:48:21 1996  
Received: from sumter.awod.com (awod.com [198.81.225.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA27889 for <aprssig@tapr.org>; Tue, 29 Oct 1996 21:48:14 -0600 (CST)  
Received: from chs0031.awod.com (chs0031.awod.com [198.81.225.140]) by sumter.awod.com (8.7.6/8.6.12) with SMTP id TAA24195 for <aprssig@tapr.org>; Tue, 29 Oct 1996 19:20:14 -0500 (EST)  
Message-Id: <199610300020.TAA24195@sumter.awod.com>  
X-Sender: glittle@awod.com  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Tue, 29 Oct 1996 20:31:46 -0500  
To: aprssig@tapr.org  
From: Glenn Little <glittle@awod.com>  
Subject: ATV with FM xmtr

Ralph

Saw a message with your title on it.

We are trying to get som ATV activity in Charleston, SC.

Can you point me to some information on rebiasing the finals on a comercial 440 MHz FM transceiver to operate on AM??

Would like to use PA from commercial FM rig.

73

Glenn Little  
WB4UIV

WB4UIV@amsat.org  
glittle@awod.com

From kb6lfm@ix.netcom.com Tue Oct 29 21:51:50 1996  
Received: from dfw-ix7.ix.netcom.com (dfw-ix7.ix.netcom.com [206.214.98.7]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA28235 for <aprssig@tapr.org>; Tue, 29 Oct 1996 21:51:44 -0600 (CST)  
Received: from -kb6lfm (ala-ca11-15.ix.netcom.com [199.35.209.175]) by dfw-ix7.ix.netcom.com (8.6.13/8.6.12) with SMTP id MAA04572 for <aprssig@tapr.org>; Tue, 29 Oct 1996 12:55:55 -0800  
Message-ID: <32766F4B.42F5@ix.netcom.com>  
Date: Tue, 29 Oct 1996 12:55:39 -0800  
From: kb6lfm <kb6lfm@ix.netcom.com>  
Reply-To: kb6lfm@ix.netcom.com  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: 30m "hits" on the Left Coast  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Had a very interesting morning. At 06:30 PST. I had a total of 17 states on screen on APRS. Thats the highest I've seen to date. Curious as to "who" is the Maritime Mobil "YP694"..? had a couple of solid hits directly on 30m. Tried a few "one liners", but got no "ACK's" back. May have been stand-alone.

73 de Bill KB6LFM  
APRS GATEWAY Stn in SFO.

From geoff@maf.mobile.al.us Tue Oct 29 21:52:38 1996  
Received: from ns1.maf.mobile.al.us (ns1.maf.mobile.al.us [206.202.0.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA28303 for <aprssig@tapr.org>; Tue, 29 Oct 1996 21:52:35 -0600 (CST)  
Received: from ns1 by ns1.maf.mobile.al.us (5.x/SMI-SVR4) id AA20289; Tue, 29 Oct 1996 18:46:27 -0600  
Date: Tue, 29 Oct 1996 18:46:26 -0600 (CST)  
From: Geoff Peacock <geoff@maf.mobile.al.us>  
X-Sender: geoff@ns1  
To: Bob Bruninga <bruninga@nadn.navy.mil>  
Cc: aprssig@tapr.org  
Subject: Re: [APRSSIG:5947] Re: Map data from remote U2000  
In-Reply-To: <Pine.GS0.3.95.961029101458.22052B-1000000@arctic>  
Message-Id: <Pine.SOL.3.91.961029182942.19416C-1000000@ns1>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII



On Tue, 29 Oct 1996, Bob Bruninga wrote:

> Unless you tell me what is on the P-LIST for that station, I cant tell  
> anything from what you sent me...  
>

Sorry....don't have all the lingo down....thought what I sent would be of  
some help. I assume P-LIST is P from the main menu...if not how about a  
more detailed explanation of what you want and how to get there so I  
don't have to read the whole readme directory. P from the main menu says  
it is positions and not P-LIST however, so this may all be in vain. As  
follows:

P from main menu gives my position and

WB4QEV-3 291849 !\*\*\*\*\*/3031.31N/08807.31W\_

and nothing else

V from the main menu gives

WB4QEV-3>APRS,K4ZM-1:!3031.31N/08807.31W\_

WB4QEV-3>GPS:!!0000008802E003B1----03CE-----012E055200000000

BTW nothing shows up on WinAPRS (which I assume you have nothing to do  
with) either which makes me beleive the problem is on my end.

Geoff Peacock

Mobile Area Free-Net, Inc.

-----o00\_\_( )\_\_00o\_  
geoff@maf.mobile.al.us (334) 405-4600

> > >

> I have an Ultimeter 2000 set up remotely. What follows is an example of  
> its packets. I get the blue dot but no wind direction indicator from the  
>

> WB4QEV-3>APRS,K4ZM-1:!3031.31N/08807.31W\_

> WB4QEV-3>GPS:!!00590084030903B1----03D7-----012C04ED04070050

> WB4QEV-3>GPS:!!00460093030903B1----03D7-----012C04EE04070046

> > >

> > > APRSdos REPLY/COMMENT: I will need you to send me the exact format as  
> > > APRS displays it on the P-List if you want me to figure out anything...

From rbost@itexas.net Tue Oct 29 22:06:49 1996

Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA29267 for <aprssig@tapr.org>; Tue, 29  
Oct 1996 22:06:46 -0600 (CST)

Received: from rbost.itexas.net ([207.22.198.44]) by mailhost.itexas.net  
(post.office MTA v2.0 0813 ID# 0-12497) with ESMTP id AAA152

for <aprssig@tapr.org>; Tue, 29 Oct 1996 18:08:42 -0600  
From: rhost@itexas.net (Roy Bost)  
To: <aprssig@tapr.org>  
Subject: Re: [APRSSIG:5948] Re: WinAPRS 1.1.6 and HSP  
Date: Tue, 29 Oct 1996 18:08:35 -0600  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Message-ID: <19961030000841825.AAA152@rhost.itexas.net>

Try using a KPC-9612...everything shows up as HF! :-)

Roy Bost, N5TAM  
Granbury, Tx.  
rhost@itexas.net  
32 25' 33"N 97 48' 59"W

From rhiii@mnsinc.com Tue Oct 29 22:17:42 1996  
Received: from mail1.mnsinc.com (mail1.mnsinc.com [206.55.3.18]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id WAA29786 for <aprssig@tapr.org>; Tue, 29 Oct 1996  
22:17:17 -0600 (CST)  
Received: from user2.mnsinc.com (user2.mnsinc.com [206.55.3.12]) by  
mail1.mnsinc.com (8.6.5/8.7.1) with ESMTP id UAA10365 for <aprssig@tapr.org>; Tue,  
29 Oct 1996 20:28:10 -0500  
Received: from rhiii.mnsinc.com (rhiii.mnsinc.com [206.239.150.154]) by  
user2.mnsinc.com (8.6.5/8.6.5) with SMTP id UAA28840 for <aprssig@tapr.org>; Tue,  
29 Oct 1996 20:28:08 -0500  
From: rhiii@mnsinc.com (Richard H.)  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5952] Re: 10 Meter Freq. ?  
Date: Wed, 30 Oct 1996 01:27:40 GMT  
Message-ID: <3276ad5f.125887487@relay.mnsinc.com>  
References: <Pine.GS0.3.95.961029120626.3683E-1000000@arctic>  
In-Reply-To: <Pine.GS0.3.95.961029120626.3683E-1000000@arctic>  
X-Mailer: Forte Agent .99e/16.227

Oh no Bob. 28.2-28.3 is sacred ground for beacons -- lets not tread  
on them.

de Richard/n2jr

-----  
On Tue, 29 Oct 1996 11:05:04 -0600 (CST), you wrote:

>On Mon, 28 Oct 1996, Richard H. wrote:

>

>> 281051sb sound like a winner Tom. Let me know when the testing

>> begins.

>

>APRSdos REPLY/COMMENT: Actually, I liked the 28.2777 (28.APRS) idea and

>was in the process of adding it to my docs. But Im not a 10m operator, so  
>You guys figure it out and lemme know...

>

>Reply mail addr: wb4apr@amsat.org

>See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

>

>

From rhiii@mnsinc.com Tue Oct 29 22:18:58 1996

Received: from mail1.mnsinc.com (mail1.mnsinc.com [206.55.3.18]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id WAA29957 for <aprssig@tapr.org>; Tue, 29 Oct 1996  
22:18:44 -0600 (CST)

Received: from user2.mnsinc.com (user2.mnsinc.com [206.55.3.12]) by  
mail1.mnsinc.com (8.6.5/8.7.1) with ESMTP id UAA10355 for <aprssig@tapr.org>; Tue,  
29 Oct 1996 20:28:07 -0500

Received: from rhiii.mnsinc.com (rhiii.mnsinc.com [206.239.150.154]) by  
user2.mnsinc.com (8.6.5/8.6.5) with SMTP id UAA28837 for <aprssig@tapr.org>; Tue,  
29 Oct 1996 20:28:06 -0500

From: rhiii@mnsinc.com (Richard H.)

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5951] Re: 6M Frequency Proposal

Date: Wed, 30 Oct 1996 01:27:38 GMT

Message-ID: <3276acfb.125787756@relay.mnsinc.com>

References: <Pine.GS0.3.95.961029120357.3683D-100000@arctic>

In-Reply-To: <Pine.GS0.3.95.961029120357.3683D-100000@arctic>

X-Mailer: Forte Agent .99e/16.227

Agree !! 50.62 would be just fine. Next issue: horizontal or  
vertical polarization ?

de Richard/n2jr

-----  
----

On Tue, 29 Oct 1996 11:04:30 -0600 (CST), you wrote:

>On Mon, 28 Oct 1996, Richard H. wrote:

>

>> Rich -- what are the problems with 50.62 ? Missed it the first time  
>> around.

>

>APRSDos REPLY/COMMENT: He cant get a radio that will tune both the high  
>end and the low end of the band simultaneously. In my opinion, that is  
>what makes 50.62 so good. Nobody with a voice radio is going to bother  
>with it, so if you xtal up an old low band radio and dedicate it to APRS,  
>then you have no problems...

>

>Reply mail addr: wb4apr@amsat.org

>See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

>

>

From kf7tp@juno.com Tue Oct 29 22:52:38 1996

Received: from x12.boston.juno.com (x12.boston.juno.com [205.231.101.26]) by

tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA03271 for <aprssig@tapr.org>; Tue, 29 Oct 1996 22:52:36 -0600 (CST)  
Received: (from kf7tp@juno.com) by x12.boston.juno.com (queuemail)  
id VAA04951; Tue, 29 Oct 1996 21:50:03 EST  
To: aprssig@tapr.org  
Subject: Re: 6M Frequency Proposal  
Message-ID: <19961029.174733.9902.1.kf7tp@juno.com>  
References: <Pine.GS0.3.95.961029120357.3683D-100000@arctic>  
X-Mailer: Juno 1.15  
X-Juno-Line-Breaks: 3-4,6-26  
From: kf7tp@juno.com (Keith E Justice)  
Date: Tue, 29 Oct 1996 21:50:03 EST

You are right on, there Bob. Low band Mitrek radios are coming on the surplus market for \$40 or less, and if you belong to a club that can get a donation, or can pick up a pallette of them, for a lot less. They are (relatively) small, and can be xtaled for about \$25 per radio.

On Tue, 29 Oct 1996 11:04:30 -0600 (CST) Bob Bruninga  
<bruninga@nadn.navy.mil> writes:  
>On Mon, 28 Oct 1996, Richard H. wrote:  
>  
>> Rich -- what are the problems with 50.62 ? Missed it the first  
>time  
>> around.  
>  
>APRSdos REPLY/COMMENT: He cant get a radio that will tune both the  
>high  
>end and the low end of the band simultaneously. In my opinion, that  
>is  
>what makes 50.62 so good. Nobody with a voice radio is going to  
>bother  
>with it, so if you xtal up an old low band radio and dedicate it to  
>APRS,  
>then you have no problems...  
>  
>Reply mail addr: wb4apr@amsat.org  
>See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>  
>  
>

From largriff@swta.com Tue Oct 29 23:03:59 1996  
Received: from mailhost.onramp.net (mailhost.onramp.net [199.1.11.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA04147 for <aprssig@tapr.org>; Tue, 29 Oct 1996 23:03:58 -0600 (CST)  
Received: from red150.onramp.net (red150.onramp.net [206.104.118.150]) by mailhost.onramp.net (8.7.3/8.6.5) with SMTP id XAA02256 for <aprssig@tapr.org>; Tue, 29 Oct 1996 23:03:56 -0600 (CST)  
Received: by red150.onramp.net with Microsoft Mail  
id <01BBC5ED.7598F4A0@red150.onramp.net>; Tue, 29 Oct 1996 23:03:55 -0600  
Message-ID: <01BBC5ED.7598F4A0@red150.onramp.net>  
From: Larry Griffin <largriff@swta.com>  
To: "'aprssig@tapr.org'" <aprssig@tapr.org>

Subject: RE: [APRSSIG:5960] Beacon when mobile is stopped QUESTION  
Date: Tue, 29 Oct 1996 23:03:52 -0600  
Encoding: 15 TEXT

-----  
From: Richard Parry[SMTP:rparry@qualcomm.com]  
<snip>

In other words, I would like to be able to set my APRS vehicle to 5 minute beacons and keep it on 24 hours a day. Is this bad practice or acceptable?

\*\*\*\*\*

It would be nice if TNCs had an input to select 1 of 2 posrates. When parked beaconing once an hour might be plenty. When mobile a faster rate could be switched manually or wired to the ignition. How about it?

Larry - AB5GE

From n4gki@worldnet.att.net Wed Oct 30 00:36:01 1996  
Received: from mtigwc02.worldnet.att.net (mailhost.worldnet.att.net [204.127.129.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA14384 for <aprssig@tapr.org>; Wed, 30 Oct 1996 00:35:59 -0600 (CST)  
Received: from main-pc ([207.146.68.205]) by mtigwc02.worldnet.att.net (post.office MTA v2.0 0613 ) with ESMTP id AAA13558 for <aprssig@tapr.org>; Tue, 29 Oct 1996 23:25:07 +0000  
From: "Jerry Gumbus" <n4gki@worldnet.att.net>  
To: <aprssig@tapr.org>  
Subject: Software Registration APRS  
Date: Tue, 29 Oct 1996 18:24:36 -0500  
X-MSMail-Priority: Normal  
X-Priority: 3  
X-Mailer: Microsoft Internet Mail 4.70.1155  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Message-ID: <19961029232506.AAA13558@main-pc>

To: Bob Bruninga WB4APR

Bob, Have you recieved my letter for registration of the APRS Program?

Jerry Gumbus n4gki@worldnet.att.net

From morganb@inetport.com Wed Oct 30 00:48:51 1996  
Received: from admin.inetport.com (inetport.com [206.64.12.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA14958 for <aprssig@tapr.org>; Wed, 30 Oct 1996 00:48:50 -0600 (CST)  
Received: from mail.inetport.com (pm0\_89.inetport.com [206.64.12.89]) by admin.inetport.com (8.7.5/8.7.3) with SMTP id AAA22760 for <aprssig@tapr.org>; Wed, 30 Oct 1996 00:49:39 -0600 (CST)  
Date: Wed, 30 Oct 1996 00:49:39 -0600 (CST)

Message-Id: <199610300649.AAA22760@admin.inetport.com>

X-Sender: morganb@inetport.com

X-Mailer: Windows Eudora Version 1.4.4

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: morganb@inetport.com (Robert B. Morgan)

Subject: Re: Maps with county lines

>

>Re: boundaries on 100K CD They ain't there! This CD was release without  
>that data. The manaula says it should be there but I guess they ran out of  
>room. You can get the 100K political boundary data from the USGS ftp site.  
>However a hack would be required in this case as mk100kv3 and earlier versions  
>ignore any typoe on data not found on the CD.

>

>Jack Cavanagh, KB4XF (Carolyn is my XYL, aka AC4SK)

I would be interested in knowing the nature and extent of the hack myself.  
I also eventually need to produce some maps for skywarn use, and they need  
to resemble what the NWS uses on their radar screens, which is normally  
county line maps, also occasionally river & watershed boundary maps.  
I already downloaded some of the USGS data, and discovered that the  
routine couldn't input it. To me, it would appear that the downloadable  
input would be preferable to the CD, which could get outdated and costs a  
few \$\$.

73 de Bob WB5AOH

Austin, TX

morganb@admin.inetport.com

From judlynn@norfolk.infi.net Wed Oct 30 01:21:11 1996

Received: from mh004.infi.net (mh004.infi.net [198.22.1.119]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id BAA15911 for <aprssig@tapr.org>; Wed, 30 Oct 1996  
01:21:09 -0600 (CST)

Received: from pa1dsp5.orf.infi.net by mh004.infi.net with SMTP  
(Infinet-S-3.3) id CAA01541; Wed, 30 Oct 1996 02:21:24 -0500 (EST)

Date: Wed, 30 Oct 1996 02:21:24 -0500 (EST)

Message-Id: <199610300721.CAA01541@mh004.infi.net>

X-Sender: judlynn@norfolk.infi.net

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: jud <judlynn@norfolk.infi.net>

Subject: EGA Monitor: No color with APRS

My monitor for the desk top is in the shop being fixed. I picked up an EGA  
RGB color monitor to use with my Zenith Data Systems M/N ZWL-184-97 Laptop  
computer. Several programs in the Laptop such as packet programs are  
working great in color but the APRS program only runs in Black and White  
with the EGA monitor. My question is, will APRS work in color using an EGA

system and if it does is there something in the APRS software that I am over looking. Any help or comments will be greatly appreciated.

73, Jud, KE4HFX Norfolk, VA Gate 30 Meters - 2 Meters

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[o o]

=====000===( )===000=====

Jud French, KE4HFX  
judlynn@norfolk.infi.net

=====

5423 Barnhollow Rd.  
Norfolk, VA 23502-3604

From ccdapple@wtp.net Wed Oct 30 01:59:37 1996

Received: from mailsrv1.pcy.mci.net (mailsrv1.pcy.mci.net [204.71.0.43]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id BAA17204 for <aprssig@tapr.org>; Wed, 30 Oct 1996 01:59:35 -0600 (CST)

Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET (PMDF V5.0-7 #10044) id <01IB7WBWFBY091VV54@MAIL-CLUSTER.PCY.MCI.NET> for aprssig@tapr.org; Tue, 29 Oct 1996 14:55:43 -0400 (EDT)

Received: from wtpprod1.wtp.net by MAIL-CLUSTER.PCY.MCI.NET (PMDF V5.0-7 #10044) id <01IB7WBBOJK091VVQE@MAIL-CLUSTER.PCY.MCI.NET> for aprssig@tapr.org; Tue, 29 Oct 1996 14:52:32 -0400 (EDT)

Received: from wtp1-6.wtp.net by wtpprod1.wtp.net; (5.65/1.1.8.2/19Aug95-0853PM) id AA03386; Tue, 29 Oct 1996 12:52:26 -0700

Date: Tue, 29 Oct 1996 12:52:26 -0700

From: Chris Dapples <ccdapple@wtp.net>

Subject: WinAPRS Serdll32.dll file

To: aprssig <aprssig@tapr.org>

Message-id: <9610291952.AA03386@wtpprod1.wtp.net>

MIME-version: 1.0

X-Mailer: PROCOMM PLUS 3.0 for Windows

Content-type: Text/Plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

I just downloaded the Serdll32.dll file from the TAPR WinAPRS directory. Now when I try to open WinAPRS I get the error message "Unable to load 'Serdll32.dll'. I used binary download so I don't think I messed up the file. Is this a problem at my end, or is the new Serdll32.dll file not working properly??

Chris Dapples, KF7KN  
ccdapple@wtp.net

From aprs@juno.com Wed Oct 30 03:22:19 1996

Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA20553 for <aprssig@tapr.org>; Wed, 30 Oct 1996 03:22:17 -0600 (CST)

Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail)

id BAF04622; Wed, 30 Oct 1996 01:46:24 EST  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5954] ARPS PICO w/2port settings?  
Message-ID: <19961030.004432.9486.5.aprs@juno.com>  
References: <199610291726.MAA05132@smtp1.erols.com>  
X-Mailer: Juno 1.15  
X-Juno-Line-Breaks: 0-5,7-8,10-14,17-24,26-28  
From: aprs@juno.com (ap rs)  
Date: Wed, 30 Oct 1996 01:46:24 EST

Here's what I use:

LGE \$05 (very important!)

LOC EV 40 (for when the computer is off)

LPATH APRS VIA RELAY,WIDE (or whatever path you want- used ONLY when computer is off and Pico is in auto-tracker mode)

GPSTEXT \$GPRMC (set to the one sentence you wish to send- the Pico only supports one right now)

APRS sets the rest, just tell it you have a TNC2  
I don't set ELOC, APRS works fine without it for me

One thing: The Pico doesn't seem to be able to take quick, multiple commands at 9600 bps, so I set the baud rate of APRS and the Pico at 1200. Bob supposedly added delays, but I can't tell it.

Ralph N4NEQ  
rwf@mindspring.com

On Tue, 29 Oct 1996 11:29:22 -0600 (CST) "Kent Hufford"  
<khufford@erols.com> writes:  
>Could some expert (or non-expert) please give me to correct settings for  
>the Paccom PICO TNC w/2nd port that is used with APRS 7.7d, GARmin 45?

From aprs@juno.com Wed Oct 30 05:31:32 1996  
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA25666 for <aprssig@tapr.org>; Wed, 30 Oct 1996 05:31:30 -0600 (CST)  
Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail)  
id GAB10920; Wed, 30 Oct 1996 06:31:20 EST  
To: aprssig@tapr.org  
Subject: Re: Beacon when mobile is stopped QUESTION  
Message-ID: <19961030.074820.8622.1.aprs@juno.com>  
References: <01BBC5ED.7598F4A0@red150.onramp.net>  
X-Mailer: Juno 1.15  
X-Juno-Line-Breaks: 3-6,8-9,11-22  
From: aprs@juno.com (ap rs)



Date: Wed, 30 Oct 1996 06:31:20 EST

I have suggested to both Paccomm and Kantronics that the GPS firmware have a selectable "speed up or slow down function" that will speed up the posrate if the fix appears to be changing (more than normal SA) and will slow down when it seems stopped.

The fast and slow limits would be user settable.

I also asked Bob to look at something like this in the live APRS program, too but I think he forgot about it. It was a year ago.

Paccomm was very receptive to my suggestion, Kantronics didn't seem to care much.

ralph  
rwf@mindspring.com

Larry Griffin <largriff@swta.com> writes:  
>-----

>It would be nice if TNCs had an input to select 1 of 2 posrates. When  
>parked beaconing once an hour might be plenty. When mobile a faster  
>rate could be switched manually or wired to the ignition. How about it?

From jratchf@bulldog.afsc.k12.ar.us Wed Oct 30 07:02:53 1996  
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org  
(8.7.5/8.7.3/1.9) with SMTP id HAA28442 for <aprssig@tapr.org>; Wed, 30 Oct 1996  
07:02:50 -0600 (CST)  
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id  
HAA04668; Wed, 30 Oct 1996 07:02:46 -0600  
Date: Wed, 30 Oct 1996 07:02:46 -0600 (CST)  
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>  
To: aprssig@tapr.org  
cc: aprssig@tapr.org  
Subject: Re: [APRSSIG:5960] Beacon when mobile is stopped QUESTION  
In-Reply-To: <v0300780bae9c17567021@[129.46.159.136]>  
Message-ID: <Pine.LNX.3.91.961030065355.4583A-100000@bulldog.afsc.k12.ar.us>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good Question! I'd suggest setting the mobile up to come on when the vehicle is started and shut down when you turn it off. If you want to track the vehicle the instant that it is started, then you'll need to keep the gps running all the time. (Most gps's have a delay in satellite acquiring, some up to 15 mins!) However, if you were using the system to track emergency vehicles, I'd suggest leaving it on all the time! If you left it on all the time, though, it would beacon every time, thus creating much un-needed traffic.

Bob, or anybody, is there a way to set this up so that no packets are transmitted unless the vehicle is travelling? Or is that already in there?

On Tue, 29 Oct 1996, Richard Parry wrote:

> I understand that a mobile station transmits frequently (once every 1-5  
> minutes) at least compared to a fixed station (once an hour). Is it  
> expected practice that when a mobile APRS station (vehicle) "parks" for the  
> night that it should turned itself off and stop beaconing?

>

> In other words, I would like to be able to set my APRS vechicle to 5  
> minute beacons and keep it on 24 hours a day. Is this bad practice or  
> acceptable?

>

> Just trying to be a good APRS neighbor.

>

> -----

> Richard Parry, P.E., W9IF - Ext 8-4972, Office R-307B

> Globalstar/Gateway Reverse Link Software Engineer

> Internal Web --> <<http://qcwww/~rparry>>

> External Web --> <<http://www.qualcomm.com/~rparry>>

> -----

>

>

From w2hob@mosquito.com Wed Oct 30 07:26:14 1996

Received: from itchy.mosquito.com (itchy.mosquito.com [206.205.132.2]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id HAA29489 for <aprssig@tapr.org>; Wed, 30 Oct 1996  
07:26:12 -0600 (CST)

Received: from dial34.mosquito.com (dial34.mosquito.com [206.205.132.63]) by  
itchy.mosquito.com (8.7.5/8.6.12) with SMTP id IAA05462 for <aprssig@tapr.org>;  
Wed, 30 Oct 1996 08:27:01 -0500 (EST)

Date: Wed, 30 Oct 1996 08:27:01 -0500 (EST)

Message-Id: <199610301327.IAA05462@itchy.mosquito.com>

X-Sender: w2hob@mosquito.com

X-Mailer: Windows Eudora Light Version 1.5.2

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

To: aprssig@tapr.org

From: Boyd Prestwood <w2hob@mosquito.com>

Subject: Re: [APRSSID:5978] EGA Monitor: No color with APRS

At 01:27 10/30/96 -0600, you wrote:

>with the EGA monitor. My question is, will APRS work in color using an EGA  
>system and if it does is there something in the APRS software that I am over  
>looking. Any help or comments will be greatly appreciated.

>

> 73, Jud, KE4HFX Norfolk, VA Gate 30 Meters - 2 Meters

EGA works with no problem. I've had two of them working until the first  
monitor gave up of old age! I'm still using the 2nd with a 286... the 286  
is slow but EGA definitely works.

Have fun es 73 de Boyd  
w2hob@mosquito.com

From wclement@the-hermes.net Wed Oct 30 07:27:28 1996  
Received: from seeker (root@seeker.the-hermes.net [205.177.6.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id HAA29508 for <aprssig@tapr.org>; Wed, 30 Oct 1996 07:27:26 -0600 (CST)  
Received: from wclement-ppp (athena-12.the-hermes.net [205.177.6.42]) by seeker (8.6.12/8.6.12) with SMTP id IAA14529 for <aprssig@tapr.org>; Wed, 30 Oct 1996 08:28:44 -0500  
Posted-Date: Wed, 30 Oct 1996 08:28:44 -0500  
Message-ID: <327757BC.44B6@the-hermes.net>  
Date: Wed, 30 Oct 1996 08:27:24 -0500  
From: "Dr. William I. Clement" <wclement@the-hermes.net>  
Organization: Clement Engineering, Inc.  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5975] RE: Beacon when mobile is stopped QUESTION  
References: <01BBC5ED.7598F4A0@red150.onramp.net>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Larry Griffin wrote:

>  
> -----  
> From: Richard Parry[SMTP:rparry@qualcomm.com]  
> <snip>  
> In other words, I would like to be able to set my APRS vehicle to 5  
> minute beacons and keep it on 24 hours a day. Is this bad practice or  
> acceptable?  
>  
> \*\*\*\*\*  
>  
> It would be nice if TNCs had an input to select 1 of 2 posrates. When  
> parked beaconing once an hour might be plenty. When mobile a faster rate  
> could be switched manually or wired to the ignition. How about it?  
>  
> Larry - AB5GE

The MIC-Encoder has a 3/4 turn potentiometer on the front panel which allows the posrate to be slowed by various factors, 1:2, 1:3, ... 1:8. So you could have posits sent every 10 minutes as the base time and then extend that up to 80 minutes. You need not even use its MIC-Encoder features, simply let it send the packets automatically (set the "auto" time).

The MIC-E is currently (or will be soon) in Beta test through TAPR. Commercial versions (and quantity purchases) will be available through PacComm.

Will, N3XLM

```
|=====|
| Dr. William I. Clement, President |
| Clement Engineering, Inc.         |
| 1261 Dogwood Road                 |
| Arnold, MD 21012                  |
| (410) 518-6591 (my office)        |
| (410) 268-6736 (sales)            |
| (410) 268-4612 (fax)              |
| wclement@the-hermes.net           |
|=====|
```

From kb6lfm@ix.netcom.com Wed Oct 30 08:02:06 1996

Received: from dfw-ix5.ix.netcom.com (dfw-ix5.ix.netcom.com [206.214.98.5]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA01011 for <aprssig@tapr.org>; Wed, 30 Oct 1996 08:02:05 -0600 (CST)

Received: from -kb6lfm (ala-ca11-27.ix.netcom.com [199.35.209.187]) by dfw-ix5.ix.netcom.com (8.6.13/8.6.12) with SMTP id GAA03423 for <aprssig@tapr.org>; Wed, 30 Oct 1996 06:01:33 -0800

Message-ID: <32775FAE.74EF@ix.netcom.com>

Date: Wed, 30 Oct 1996 06:01:18 -0800

From: kb6lfm <kb6lfm@ix.netcom.com>

Reply-To: kb6lfm@ix.netcom.com

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:5982] Re: Beacon when mobile is stopped QUESTION

References: <Pine.LNX.3.91.961030065355.4583A-100000@bulldog.afsc.k12.ar.us>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

J. Scott Ratchford wrote:

>

> Good Question! I'd suggest setting the mobile up to come on when the  
> vehicle is started and shut down when you turn it off. If you want to  
> track the vehicle the instant that it is started, then you'll need to  
> keep the gps running all the time. (Most gps's have a delay in satellite  
> acquiring, some up to 15 mins!) However, if you were using the system to  
> track emergency vehicles, I'd suggest leaving it on all the time! If you  
> left it on all the time, though, it would beacon every time, thus  
> creating much un-needed traffic.

>

> Bob, or anybody, is there a way to set this up so that no packets are  
> transmitted unless the vehicle is travelling? Or is that already in there?

>

> On Tue, 29 Oct 1996, Richard Parry wrote:

>

> > I understand that a mobile station transmits frequently (once every 1-5  
> > minutes) at least compared to a fixed station (once an hour). Is it  
> > expected practice that when a mobile APRS station (vehicle) "parks" for the  
> > night that it should turn itself off and stop beaconing?

> >  
> > In other words, I would like to be able to set my APRS vechicle to 5  
> > minute beacons and keep it on 24 hours a day. Is this bad practice or  
> > acceptable?  
> >  
> > Just trying to be a good APRS neighbor.  
> >  
> > -----  
> > Richard Parry, P.E., W9IF - Ext 8-4972, Office R-307B  
> > Globalstar/Gateway Reverse Link Software Engineer  
> > Internal Web --> <<http://qcwww/~rparry>>  
> > External Web --> <<http://www.qualcomm.com/~rparry>>  
> > -----  
> >  
> >  
KB6LFM here.

I've wired my APRS system so the GPS (Garmin-45) and TNC (KPC-3) are  
"ON" at all times, and the "Rig" comes on and off with the Ignition.

From pwburke@imperium.net Wed Oct 30 08:28:00 1996  
Received: from rex.imperium.net (rex.imperium.net [206.26.98.2]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id IAA02208 for <aprssig@tapr.org>; Wed, 30 Oct 1996  
08:27:58 -0600 (CST)  
Received: Wed, 30 Oct 1996 09:29:18 -0500 (EST) from home.neo.lrun.com by  
rex.imperium.net (8.7.4/Imperium Internet)  
Message-ID: <327765CD.3F45@imperium.net>  
Date: Wed, 30 Oct 1996 09:27:25 -0500  
From: "Paul W. Burke" <pwburke@imperium.net>  
X-Mailer: Mozilla 2.02Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5985] Re: Beacon when mobile is stopped QUESTION  
References: <32775FAE.74EF@ix.netcom.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> KB6LFM here.  
>  
> I've wired my APRS system so the GPS (Garmin-45) and TNC (KPC-3) are  
> "ON" at all times, and the "Rig" comes on and off with the Ignition. This seemed  
like a good place to ask this:

I am interested in APRS and have a Garmin 55 GPS that I utilize for flying.  
I have a KPC-3 that I use for mobile and updated the prom last year to support  
GPS operation.

My question is what software is recommended. I downloaded several softwares last  
night including one for dos  
and one for windows. My new laptop has win95.

This SIG seems to be very active and that is great.

If there is a setup FAQ for my configuration that would be great too.

Thanks,

Paul W. Burke  
KB8VAS  
pwburke@imperium.net

From sproul@ap.org Wed Oct 30 08:31:24 1996  
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9)  
with SMTP id IAA02424 for <aprssig@tapr.org>; Wed, 30 Oct 1996 08:31:22 -0600  
(CST)  
Received: from [165.1.27.171] by janus.ap.org (SMI-8.6/SMI-SVR4)  
id JAA24910; Wed, 30 Oct 1996 09:25:12 -0500  
X-Sender: sproul@165.1.6.1  
Message-Id: <v03007804ae9d12b126c2@[165.1.27.177]>  
In-Reply-To: <9610291952.AA03386@wtpprod1.wtp.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Wed, 30 Oct 1996 09:12:58 -0500  
To: aprssig@tapr.org  
From: Mark Sproul <sproul@ap.org>  
Subject: Re: [APRSSIG:5979] WinAPRS Serdll32.dll file  
Cc: ccdapple@wtp.net

>I just downloaded the Serdll32.dll file from the TAPR WinAPRS  
>directory. Now when I  
>try to open WinAPRS I get the error message "Unable to load  
>'Serdll32.dll'. I used binary  
>download so I don't think I messed up the file. Is this a problem  
>at my end, or is the  
>new Serdll32.dll file not working properly??  
>  
>Chris Dapples, KF7KN  
>ccdapple@wtp.net

Download the W116UPDT.ZIP, this contains the application and the ZIP files  
without the MAPS etc. This is the best way to get the DLLs

Mark

---

|                                                                       |                       |
|-----------------------------------------------------------------------|-----------------------|
| Mark Sproul                                                           | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press                                       |                       |
| sproul@ap.org                                                         | Work: 609-860-7120    |
| North Brunswick, NJ                                                   | Fax: 609-860-7129     |
| <a href="http://msproul.rutgers.edu/">http://msproul.rutgers.edu/</a> |                       |

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From dougwe@ccintnet.wrq.com Wed Oct 30 09:08:17 1996  
Received: from elmer.wrq.com (elmer.wrq.com [150.215.17.1]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id JAA04143 for <aprssig@tapr.org>; Wed, 30 Oct 1996

09:08:16 -0600 (CST)  
From: dougwe@ccintnet.wrq.com  
Received: from ccintnet.wrq.com ([150.215.5.110]) by elmer.wrq.com with SMTP  
(1.37.109.20/15.6) id AA203878093; Wed, 30 Oct 1996 07:08:13 -0800  
Received: from ccMail by ccintnet.wrq.com (SMTPLINK V2.10.08)  
id AA846688266; Wed, 30 Oct 96 07:08:50 PST  
Date: Wed, 30 Oct 96 07:08:50 PST  
Message-Id: <9609308466.AA846688266@ccintnet.wrq.com>  
To: aprssig@tapr.org  
Subject: Motrakmotranmicormaxarmitrete?

Anyone know of a web site that contains Motorola commercial-ham  
conversion info?

Thanks!

Doug  
KC7CO

From mark@y100.com Wed Oct 30 09:21:35 1996  
Received: from mail3.voicenet.com (mail3.voicenet.com [207.103.0.45]) by tapr.org  
(8.7.5/8.7.3/1.9) with ESMTP id JAA04631 for <aprssig@tapr.org>; Wed, 30 Oct 1996  
09:21:33 -0600 (CST)  
Received: from default (ivyland147.voicenet.com [207.103.6.66]) by  
mail3.voicenet.com (8.7.5/8.6.12) with SMTP id KAA17184 for <aprssig@tapr.org>;  
Wed, 30 Oct 1996 10:23:57 -0500 (EST)  
Message-ID: <32777239.2F98@y100.com>  
Date: Wed, 30 Oct 1996 10:20:25 -0500  
From: Mark Humphrey <mark@y100.com>  
Reply-To: mark@y100.com  
Organization: WPLY - 100 / Radio Philadelphia  
X-Mailer: Mozilla 3.0Gold (Win95; I)  
MIME-Version: 1.0  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5956] W3IWI-13 DGPS  
References: <2368@tomcat.gsfc.nasa.gov>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tom Clark -- W3IWI wrote:

>  
> Today I made a minor change on the W3IWI-13 DGPS beacon to provide better  
> coverage, especially into the Chesapeake Bay. Formerly the beacon was  
> sending its <UI> frames W3IWI-13>WIDE where the main WIDE I see is  
> WB4APR-1 in Annapolis. I changed it to W3IWI-13>WIDE>WIDE so that there  
> was a better chance of hitting the PAX RIVER digi, as well as providing  
> better coverage to the north into PA/SNJ.  
> I am anxious to get reports, both on the W3IWI-13 coverage area and from  
> people who use the DGPS signals with their GPS receiver.

I am copying most of your DGPS beacons here in the Philadelphia area,  
via the WIDE digis N2CHV-3 and W3PHL-3. I haven't used the

corrections with my Garmin 45 yet, but hope to try this later in the week. If I connect the RX data from the TNC (KPC-3) directly to the Garmin, will the Garmin automatically filter out non-DGPS data, or will this cause errors?

A question for WB4APR: My "Heard" log shows less than ten packets per hour from W3IWI-13, although I am actually receiving over 100 per hour. What happens in the log if the number received from a particular station exceeds 99?

73, Mark N2CHV

From zoom@willow.sps.mot.com Wed Oct 30 09:23:23 1996  
Received: from spsgate.sps.mot.com (spsgate.sps.mot.com [192.70.231.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id JAA04652 for <aprssig@tapr.org>; Wed, 30 Oct 1996 09:23:21 -0600 (CST)  
Received: from mogate.sps.mot.com by spsgate.sps.mot.com (4.1/SMI-4.1/Email 2.1 10/25/93)  
id AA27637 for aprssig@tapr.org; Wed, 30 Oct 96 08:23:16 MST  
Received: from azbc.sps.mot.com by mogate.sps.mot.com (4.1/SMI-4.1/Email-2.0)  
id AA11594 for aprssig@tapr.org; Wed, 30 Oct 96 08:23:15 MST  
Received: from willow.sps.mot.com by azbc.sps.mot.com with SMTP (1.37.109.4/16.2) id AA20063; Wed, 30 Oct 96 09:23:15 -0600  
Received: by willow.sps.mot.com (4.1/SMI-4.1)  
id AA20504; Wed, 30 Oct 96 08:19:02 MST  
Date: Wed, 30 Oct 1996 08:19:01 -0700 (MST)  
From: Chris Terwilliger <zoom@willow.sps.mot.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5974] Re: 6M Frequency Proposal  
In-Reply-To: <19961029.174733.9902.1.kf7tp@juno.com>  
Message-Id: <Pine.SUN.3.91.961030081616.20495A-1000000@willow>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Plus they're a lot easier to tune up at 50.62 than 52 or 53 Mhz...

On Tue, 29 Oct 1996, Keith E Justice wrote:

> You are right on, there Bob. Low band Mitrek radios are coming on the  
> surplus market for \$40 or less, and if you belong to a club that can get  
> a donation, or can pick up a pallette of them, for a lot less. They are  
> (relatively) small, and can be xtaled for about \$25 per radio.  
>

Chris, AA7WD

From martinbw@telalink.net Wed Oct 30 09:48:48 1996  
Received: from eve.telalink.net (eve.telalink.net [199.1.88.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA05596 for <aprssig@tapr.org>; Wed, 30 Oct 1996 09:48:47 -0600 (CST)  
Received: from oscar.telalink.net (nash-pm3-s7.telalink.net [205.241.232.104]) by



eve.telalink.net (Telalink-MTA/5.2n) with SMTP id JAA15753 for <aprssig@tapr.org>;  
Wed, 30 Oct 1996 09:48:32 -0600 (CST)  
X-Mailer: InterCon tcpCONNECT4 4.0 (Macintosh)  
MIME-Version: 1.0  
Message-Id: <9610300948.AA41623@oscar.telalink.net>  
Date: Wed, 30 Oct 1996 09:48:41 -0600  
From: "Bruce W. Martin" <martinbw@telalink.net>  
To: aprssig@tapr.org  
Subject: Re: Beacon when mobile is stopped QUESTION  
Content-Type: Text/Plain; charset=US-ASCII  
Content-Disposition: Inline

Good question. Part of the answer depends on how much activity is in your area and how far your position beacons propagate. There are not many mobile users in my area and generally I leave mine on when I am driving around town and only turn it off when i get home at night. Others in town leave theirs on all of the time.

I have always wanted to to build a circuit to allow packets when the ignition is on and to drop to a timing mode when the ignition is off. I set the TNC to beacon a position every minute. When I park the timer kicks in. In 5 minutes the timer stops allowing transmissions for 30 minutes then allows them for 5 minutes then stops allowing transmissions for 30 minutes. This sequence goes on until the car is turned on again. A switch could be added to over-ride the timer. The transmission interrupt could be cutting power to the transmitter or simply interrupting the PTT or Audio Out lines from the TNC. My original thought was just to cut power to the transmitter but since I started using older synthesized rigs that lose their memory when you cut the power I have decided the "open PTT" is the better method. Some day I will sit down and do it. Maybe if I wait long enough someone with less patience will design one first.

> I understand that a mobile station transmits frequently (once  
> every 1-5 minutes) at least compared to a fixed station (once an  
> hour). Is it expected practice that when a mobile APRS station  
> (vehicle) "parks" for the night that it should turned itself off and  
> stop beaconing?

>  
> In other words, I would like to be able to set my APRS vechicle  
> to 5 minute beacons and keep it on 24 hours a day. Is this bad  
> practice or acceptable?

>  
> Just trying to be a good APRS neighbor.

>  
> -----

> Richard Parry, P.E., W9IF - Ext 8-4972, Office R-307B Globalstar/

--

\*\*\*\*\*  
\* Bruce W. Martin                   Internet: martinbw@telalink.net   \*  
\* 4558 Brooke Valley Dr.       HAM Call: KQ4TV                   \*  
\* Hermitage TN 37076-2650   Voice:       (615) 872-7733           \*

\* FAX/MODEM: (615) 872-0045      APRS:3610.50N/08635.50W      \*  
\* "Never ask what sort of computer a guy drives.      \*  
\* If he's a Mac user, he'll tell you.      \*  
\* If not, why embarrass him?"      -- Tom Clancy      \*  
\*\*\*\*\*

From depolo@intermediainc.com Wed Oct 30 10:13:08 1996  
Received: from philadelphia.libertynet.org (philadelphia.libertynet.org  
[199.234.236.10]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA06737 for  
<aprssig@tapr.org>; Wed, 30 Oct 1996 10:13:07 -0600 (CST)  
Received: from jd.intermediainc.com ([204.170.177.252]) by  
philadelphia.libertynet.org (8.6.12/8.6.12) with SMTP id LAA22404; Wed, 30 Oct  
1996 11:13:04 -0500  
Received: by jd.intermediainc.com with Microsoft Mail  
id <01BBC653.CD9B1AA0@jd.intermediainc.com>; Wed, 30 Oct 1996 11:16:31 -0500  
Message-ID: <01BBC653.CD9B1AA0@jd.intermediainc.com>  
From: Jeff DePolo WN3A <depolo@intermediainc.com>  
To: "'aprssig@tapr.org'" <aprssig@tapr.org>  
Cc: "'mark@y100.com'" <mark@y100.com>  
Subject: RE: [Fwd: [APRSSIG:5988] Motrakmotranmicormaxarmitrek?]  
Date: Wed, 30 Oct 1996 11:16:30 -0500  
Encoding: 26 TEXT

>Anyone know of a web site that contains Motorola commercial-ham  
> conversion info?  
>  
> Thanks!  
>  
> Doug  
> KC7CO

There are a couple of Simtel archive sites that have ham radio mods, and a  
few of the mods are for GE/Motorola equipment. If you have any specific  
questions I can probably answer them, especially for Micor, Maxar, Moxy,  
Mitretek, Mastr II, and other radios of that era.

I'm not on this mailing list -- your message was forwarded to me by Mark  
N2CHV, so please respond via email. Thanks.

--- Jeff

-----  
Jeff DePolo WN3A  
Net: depolo@intermediainc.com  
Twisted Pair: H:610-337-7383 W:215-387-3059 x300  
RF: 442.1 442.2 442.4 442.5 443.45 443.8 444.15 448.425 linked

From hwm@netcom.com Wed Oct 30 10:47:16 1996  
Received: from mm.wd6dod.ampr.org (hwm@netcom13.netcom.com [192.100.81.125]) by  
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id KAA08039 for <aprssig@tapr.org>; Wed, 30

Oct 1996 10:47:11 -0600 (CST)  
Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id IAA00128 for <aprssig@tapr.org>; Wed, 30 Oct 1996 08:45:48 -0800  
Date: Wed, 30 Oct 1996 08:45:47 -0800 (PST)  
From: Bob Lorenzini <hwm@netcom.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5988] Motrakmotranmicormaxarmitrek?  
In-Reply-To: <9609308466.AA846688266@ccintnet.wrq.com>  
Message-ID: <Pine.LNX.3.95.961030083842.92A-1000000@mm.wd6dod.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 30 Oct 1996 dougwe@ccintnet.wrq.com wrote:

> Anyone know of a web site that contains Motorola commercial-ham  
> conversion info?  
>  
Try [www.Hams.com/perens/HamRadio/ModsAndManuals/Motorola](http://www.Hams.com/perens/HamRadio/ModsAndManuals/Motorola). I love them mitreks. I started out using them for 9600 packet and now use them for everything. Yea I'm stuck on a few freqs but I NEVER get inter/cross mod! The icom/kenwood/yeasu's seem like toys after using a motorola. Too bad they go for featuritus rather than solid inband basic performace.

Bob - wd6dod

From paul@tech.cyclades.com Wed Oct 30 10:48:35 1996  
Received: from tech.cyclades.com (root@tech.cyclades.com [208.138.19.34]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id KAA08319 for <aprssig@tapr.org>; Wed, 30 Oct 1996 10:48:33 -0600 (CST)  
Received: from localhost by tech.cyclades.com  
with smtp id m0vIdod-0006MsC  
(Debian /\oo/\ Smail3.1.29.1 #29.37); Wed, 30 Oct 96 08:48 PST  
Date: Wed, 30 Oct 1996 08:48:31 -0800 (PST)  
From: Paul Christenson <paul@tech.cyclades.com>  
Reply-To: Paul Christenson <paul@tech.cyclades.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5958] HF on 10m  
In-Reply-To: <Pine.GS0.3.95.961029211103.7673C-1000000@arctic>  
Message-ID: <Pine.LNX.3.95.961029215658.2755A-1000000@tech.cyclades.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 29 Oct 1996, Bob Bruninga wrote:

> PROBLEM: We need an HF TNC survey!  
  
> Of everyone on 10.151 we need a comprehensive survey of who is using 1700  
> HZ tones and who is using 2125 tones.

The problem is that the 30m users aren't necessarily an accurate sample of who would be on 10m. Aside from the licensing issue, there are a lot more of the 25w class 10m single band rigs out there.

As for my 28.APRS suggestion.. what I had in mind is that new users, with a standard 1200 baud (VHF-FM) TNC could tune to 28.2777 and be quite close to the signal.

de N3EOP/6

```
+-----+
| Technical Support Engineer, Cyclades Corporation |
| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
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| Unsolicited mail ads subject to a $25 handling fee |
+-----+
```

From kirk@neptune.gsfc.nasa.gov Wed Oct 30 11:24:34 1996  
Received: from wheelo.gsfc.nasa.gov (wheelo.gsfc.nasa.gov [128.183.50.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id LAA09786 for <aprssig@tapr.org>; Wed, 30 Oct 1996 11:24:32 -0600 (CST)  
Received: from neptune.gsfc.nasa.gov by wheelo.gsfc.nasa.gov (5.65/Ultrix3.0-C) id AA11665; Wed, 30 Oct 96 12:24:30 -0500  
Received: from isobar.gsfc.nasa.gov by neptune.gsfc.nasa.gov via SMTP (950911.SGI.8.6.12.PATCH825/920502.SGI)for <aprssig@tapr.org> id MAA18100; Wed, 30 Oct 1996 12:27:55 -0500  
Message-Id: <2.2.32.19961030172625.0088b508@neptune.gsfc.nasa.gov>  
X-Sender: kirk@neptune.gsfc.nasa.gov  
X-Mailer: Windows Eudora Pro Version 2.2 (32)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Wed, 30 Oct 1996 12:26:25 -0500  
To: aprssig@tapr.org  
From: Robert Kirk <kirk@neptune.gsfc.nasa.gov>  
Subject: Re: [APRSSIG:5989] Re: W3IWI-13 DGPS

At 09:28 10/30/96 -0600, Mark Humphrey <mark@y100.com> wrote:

[...]

>

>I am copying most of your DGPS beacons here in the Philadelphia area,  
>via the WIDE digis N2CHV-3 and W3PHL-3. I haven't used the  
>corrections with my Garmin 45 yet, but hope to try this later in the  
>week. If I connect the RX data from the TNC (KPC-3) directly to the  
>Garmin, will the Garmin automatically filter out non-DGPS data, or will  
>this cause errors?

>

Well, I don't have the same rig, (I use a Motorola GPS & PACCOMM Handipacket) but I do exactly what you're suggesting. It works for me.

>A question for WB4APR: My "Heard" log shows less than ten packets per  
>hour from W3IWI-13, although I am actually receiving over 100 per hour.

[...]

That's good news. Shows that W3IWI's transmission interval is about right since you're still getting about 2 corrections a minute even with all those bounces through WIDE,WIDE which should be enough to keep your GPS locked on differential, and the freq still not clobbered.

Bob Kirk  
N30ZB

>  
>73, Mark N2CHV  
>  
>

From alan@ernest.itg.ti.com Wed Oct 30 11:56:13 1996  
Received: from gatekeep.ti.com (news.ti.com [192.94.94.33]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA11016 for <aprssig@tapr.org>; Wed, 30 Oct 1996 11:56:05 -0600 (CST)  
Received: from robin.itg.ti.com ([128.247.31.238]) by gatekeep.ti.com (8.6.13) with ESMTP id LAA14166 for <aprssig@tapr.org>; Wed, 30 Oct 1996 11:55:32 -0600  
Received: from ernest.itg.ti.com (ernest.itg.ti.com [172.25.50.162]) by robin.itg.ti.com (8.7.3/8.6.11) with SMTP id LAA29065 for <aprssig@tapr.org>; Wed, 30 Oct 1996 11:55:01 -0600 (CST)  
Received: by ernest.itg.ti.com (Smail3.1.28.1 #4) id m0vIepQ-00008kC; Wed, 30 Oct 96 11:53 CST  
Message-Id: <m0vIepQ-00008kC@ernest.itg.ti.com>  
From: alan@ernest.itg.ti.com (Alan Edmonds)  
Subject: Re: [APRSSIG:5991] Re: Beacon when mobile is stopped QUESTION  
In-Reply-To: <9610300948.AA41623@oscar.telalink.net> from "Bruce W. Martin" at "Oct 30, 96 09:49:18 am"  
To: aprssig@tapr.org  
Date: Wed, 30 Oct 1996 11:53:23 -0600 (CST)  
Organization: Texas Instruments, Inc. Plano TX  
X-Mailer: ELM [version 2.4ME+ PL26 (25)]  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

> I have always wanted to to build a circuit to allow packets when the ignition  
> is on and to drop to a timing mode when the ignition is off. I set the TNC to  
> beacon a position every minute. When I park the timer kicks in. In 5 minutes  
> the timer stops allowing transmissions for 30 minutes then allows them for 5  
> minutes then stops allowing transmissions for 30 minutes. This sequence goes  
> on until the car is turned on again. A switch could be added to over-ride the  
> timer. The transmission interrupt could be cutting power to the transmitter or  
> simply interrupting the PTT or Audio Out lines from the TNC. My original  
> thought was just to cut power to the transmitter but since I started using

> older synthesized rigs that lose their memory when you cut the power I have  
> decided the "open PTT" is the better method. Some day I will sit down and do  
> it. Maybe if I wait long enough someone with less patience will design one  
> first.

With the PK-12 you can ground one of the RS232 pins and that will  
trigger a transmit. At least I think you ground it; the manual  
isn't in front of me. So, check if your TNC can do that then interface  
your circuit to that.

--

|                                            |                         |
|--------------------------------------------|-------------------------|
| Alan Edmonds, KB5ZUY                       | Texas Instruments, Inc. |
| System Administrator, Composer Development | M/S 8515                |
| Phone: +1-972-575-6427                     | 6620 Chase Oaks Blvd.   |
| Email: Alan.Edmonds@ti.com                 | Plano, TX, USA 75023    |

From paul@tech.cyclades.com Wed Oct 30 12:07:51 1996  
Received: from tech.cyclades.com (root@tech.cyclades.com [208.138.19.34]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id MAA11358 for <aprssig@tapr.org>; Wed, 30  
Oct 1996 12:07:49 -0600 (CST)  
Received: from localhost by tech.cyclades.com  
with smtp id m0vIf3L-0006PvC  
(Debian /\oo/\ Smail3.1.29.1 #29.37); Wed, 30 Oct 96 10:07 PST  
Date: Wed, 30 Oct 1996 10:07:47 -0800 (PST)  
From: Paul Christenson <paul@tech.cyclades.com>  
To: aprssig@tapr.org  
Subject: Re: [APRSSIG:5972] Re: 10 Meter Freq. ?  
In-Reply-To: <3276ad5f.125887487@relay.mnsinc.com>  
Message-ID: <Pine.LNX.3.95.961030100617.6611A-100000@tech.cyclades.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 29 Oct 1996, Richard H. wrote:

> Oh no Bob. 28.2-28.3 is sacred ground for beacons -- lets not tread  
> on them.

I thought that the beacons were moved to below 28.1 around the time of  
Novice Enhancement.

From wbliss@coastside.net Wed Oct 30 13:50:56 1996  
Received: from poseidon.coastside.net (www.coastside.net [205.162.38.5]) by  
tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAB15047 for <aprssig@tapr.org>; Wed, 30  
Oct 1996 13:50:53 -0600 (CST)  
Received: from LOCALNAME ([205.162.38.26]) by poseidon.coastside.net  
(8.6.11/8.6.12) with SMTP id LAA23497 for <aprssig@tapr.org>; Wed, 30 Oct 1996  
11:45:40 -0800  
Date: Wed, 30 Oct 1996 11:45:40 -0800  
Message-Id: <199610301945.LAA23497@poseidon.coastside.net>  
X-Sender: wbliss@mail.coastside.net (Unverified)  
X-Mailer: Windows Eudora Light Version 1.5.2  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"  
To: aprssig@tapr.org  
From: "William B. Bliss/WB6LPG" <wbliss@coastside.net>  
Subject: SUGGESTED APRS HF FREQS...

All APRS Siggers,

Foll msg sent back in March, ref recient HF msg on sig.. For consideration...Believe info still applies, except for the 20M how about trying 14120 or 14125 away from current QRM from Mailbox Beacon freq and other uses from 14093-14115 ?????...(My 386/33 generates hetrodynes, does urs ??)

-----

APRS @ ALLUS

Filed: 032300GMT MAR 96

Several messages concerning HF freqs for APRS have been seen on the sig here and on Packet BBS's..

Here are some suggestions by George/W8FWF and in Readme files, over a year old:

-----  
APRS HF FREQUENCIES OPERATIONS

JAN 95

-----  
HF FREQS: MFJ/KAM    AEA'S    Mode    NORMAL USAGE  
          10.151    10.1515 LSB    Mostly East Coast so far (Calif late eves)  
          7.085    7.0855 Lsb    Mostly West Coast. (Occasionally now )  
          14.0963    14.0958 USB    Proposed new APRS DX Freq.

HERE ARE SOME OF THE APRS FREQUENCIES NOW IN USE ON THE LOW BANDS....  
THE ENTRIES WITH (P) ARE NEWLY PROOPOSED FREQUENCIES STILL BEING TESTED..(By who?)

-----  
ACTUAL XMIT FREQ.      MFJ/KAM DIAL (1700HZ TONE)      AEA DIAL (2210HZ TONE)  
-----  
      3583.3 KHZ (P)      3,585    KHZ (LSB)      3585.51 KHZ (LSB)  
      7083.3 KHZ      7,085    KHZ (LSB)      7085.51 KHZ (LSB)  
10,149.3 KHZ      10,151    KHZ (LSB)      10,151.51 KHZ (LSB)  
14,098    KHZ      14,096.3 KHZ (USB)      14,095.79 KHZ (USB)  
18,098    KHZ (P)      18,096.3 KHZ (USB)      18,095.79 KHZ (USB)  
21,098    KHZ (P)      21,006.3 KHZ (USB)      21,095.79 KHZ (USB)  
24,928    KHZ (P)      24,926.3 KHZ (USB)      24,925.79 KHZ (USB)  
28,098    KHZ (P)      28,096.3 KHZ (USB)      28,095.79 KHZ (USB)

(Note: the 24Meg freq may be in error, someone correct me if so)

=====

The low bands will provide more activity and longer distances to the other station. While a VHF TNC works at 1200 bauds, on the Low Bands, you will need a TNC that will operate at a 300 baud rate. Several are available. Ideally, you should opt for a TNC that will allow for simultaneous operation (GATEWAY) on the low ands and also the VHF band. This allows you to link (GATE) the HF data from the HF band, down to the VHF side. To see the newmerous HF out of state APRS stations on your local VHF network band. (VHF 145.79/14501 & few others.)

Please read the HF.TXT file in the programs README.DIR. This will enlighten

many on the HF to VHF only use of GATEWAY stations and GATE paths.

QSO among yourselves on testing the SUGGESTED frequencies, let the rest of us know. Am willing to help, need date,time (GMT) and freq and will give it a go OM..

73's & Enjoy, Bill/WB6LPG SanFran Bay Area 30M reliable GATEWAY station, on daily.. See Feb issue P45 of Cruising World for APRS for Yachting Hams. Off mexico more S/V appearing, QSO and encourage the Yachting World about APRS. NNNN

WBB/WB6LPG

From n9flx@indygate.kb9law.ampr.org Wed Oct 30 15:38:06 1996  
Received: from IndyGate.ampr.org (indygate.kb9law.ampr.org [44.48.70.241]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA18839 for <aprssig@tapr.org>; Wed, 30 Oct 1996 15:38:03 -0600 (CST)  
Date: Wed, 30 Oct 96 16:19:18 EST  
Message-Id: <4021@IndyGate.ampr.org>  
From: n9flx@indygate.kb9law.ampr.org  
To: aprssig@tapr.org  
Subject: w7lus-14  
X-BBS-Msg-Type: P

I have copied W7LUS-14 APRS signals from almost every state in the Union, via his, I assume, 18-wheeler.  
Am very curious to know the type of radio equipment he is using that keep him in contact with virtually the rest of the world in sometimes remote parts of the country via HF packet.  
I send this query to the SIG, as I see W7LUS working in the northeast today.  
Thanks for reading: Hal

SIGnature file:

|               |                               |
|---------------|-------------------------------|
| N9FLX.....    | H.G. Hardy USMC/ret           |
| E-mail.....   | n9flx@indygate.ampr.org       |
| Home BBS..... | N9FLX@WJ9U.#CENIN.IN.USA.NOAM |
| IP ADDR.....  | N9FLX [44.48.70.173]          |
| IP ADDR.....  | N9FLX-2 [44.48.70.174]        |
| QTH.....      | Indianapolis,IN. 46208zip     |

~~~~~

From dougwe@wrq.com Wed Oct 30 16:15:38 1996
Received: from elmer.wrq.com (elmer.wrq.com [150.215.17.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA20350 for <aprssig@tapr.org>; Wed, 30 Oct 1996 16:15:36 -0600 (CST)
Received: from DOUGWE.WRQ.COM ([150.215.90.23]) by elmer.wrq.com with SMTP (1.37.109.20/15.6) id AA059343730; Wed, 30 Oct 1996 14:15:30 -0800
Message-Id: <3277D40E.7933@wrq.com>
Date: Wed, 30 Oct 1996 14:17:50 -0800
From: Doug Wetzel <dougwe@wrq.com>
Reply-To: dougwe@wrq.com
Organization: WRQ
X-Mailer: Mozilla 3.0Gold (Win95; I)
Mime-Version: 1.0

To: aprssig@tapr.org
Subject: [Fwd: new Mir Frequencies.. Comments?]
Content-Type: multipart/mixed; boundary="-----91A28783CC3"

This is a multi-part message in MIME format.

-----91A28783CC3
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just found this on the satellite newsgroup -

Time to check your deviation, everyone!

Doug
KC7CO

-----91A28783CC3
Content-Type: message/news
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Path: wrq.com!netnews.nwnet.net!news.nodak.edu!news.ou.edu!news.ecn.uoknor.edu!
news.wildstar.net!cancer.vividnet.com!hunter.premier.net!www.nntp.primenet.com!
nntp.primenet.com!howland.erols.net!newsfeed.internetmci.com!news. Dover.net!
news.monad.net!usenet
From: dhend@cyberportal.net (Dave Hendrick)
Newsgroups: rec.radio.amateur.space
Subject: new Mir Frequencies.. Comments?
Date: Tue, 29 Oct 1996 20:57:23 GMT
Organization: mine
Message-ID: <32766e08.823764@news.monad.net>
Reply-To: dhend@cyberportal.net
NNTP-Posting-Host: clar2-async-10.cyberportal.net
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
X-Newsreader: Forte Agent .99f/32.299

recieved from Mir today..

[R 43]
Stat : PR
Posted : 10/29/96 18:29
To : ALL
>From : R0MIR
@ BBS :
xID :
Subject: new Mir frequency

Since November 1 we'll have new frequency on Mir.
xPacket - 145.800
Voice - 145.800 Rx/145.200 Tx.

These frequencies are recommended us by the International amateur conference in region 1.

We'll open for contacts on new frequency.

73 Mir crew

I am not really to happy about them switching as I know there are a lot of APRS people at 145.79 and when doppler is compensated for there will be substantial interference. The 145.200 freq is also in use by various digital packet nodes in the region.. be sure to listen on your transmit frequency to be sure it is not in use before using.. These frequencies will definitely help out the european community where 145.55 is a common simplex frequency but I am not sure how it will be taken here or in the rest of the world. It would seem to me that this push to change frequencies has been well resisted, but now the moment has come, and we shall all see how this european frequency change works..

I would invite your opinions in this forum..

Dave N1PPP

dhend@cyberportal.net

<http://www.cyberportal.net/dhend/dave1.html>

-----91A28783CC3--

From vodall@juno.com Wed Oct 30 16:15:55 1996

Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id QAA20370 for <aprssig@tapr.org>; Wed, 30 Oct 1996 16:15:53 -0600 (CST)

From: vodall@juno.com

Received: (from vodall@juno.com) by x4.boston.juno.com (queuemail) id QAD24339; Wed, 30 Oct 1996 16:16:06 EST

To: aprssig@tapr.org

Date: Wed, 30 Oct 1996 12:53:15 MST

Subject: Re: 10 Meter Freq. ?

Message-ID: <19961030.125822.8247.3.vodall@juno.com>

References: <3276ad5f.125887487@relay.mnsinc.com>

X-Mailer: Juno 1.00

X-Juno-Line-Breaks: 0,2-7,9,11,13-14,17-22

On Tue, 29 Oct 1996 22:28:06 -0600 (CST) rhiii@mnsinc.com (Richard H.) writes:

>Oh no Bob. 28.2-28.3 is sacred ground for beacons -- lets not tread >on them.

>

>de Richard/n2jr

Or maybe it would be a good opportunity to show how well packet (both APRS and

even a plain old heard list) works as an indicator of band openings...

Packet

certainly isn't a weak signal mode but it does had some nice advantages...

Using up 25% of the Novice/Tech allocation for beacons might not be a great idea when a couple packet channels (with CW id's) could provide about the same functionality and more.

73,
Bill - WA7NWP

From sdimse@bridge.net Wed Oct 30 17:01:22 1996
Received: from brickell.bridge.net (root@brickell.bridge.net [204.253.4.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA21845 for <aprssig@tapr.org>; Wed, 30 Oct 1996 17:01:20 -0600 (CST)
Received: from bridge.net (newworld.bridge.net [204.253.4.4]) by brickell.bridge.net (8.7.6/8.7.3) with ESMTP id RAA22696 for <aprssig@tapr.org>; Wed, 30 Oct 1996 17:56:23 -0500
Received: from (ppp-mia4-129.bridge.net [204.253.4.129]) by bridge.net (8.7.5/8.7.3) with SMTP id RAA01610 for <aprssig@tapr.org>; Wed, 30 Oct 1996 17:57:16 -0500 (EST)
Message-Id: <199610302257.RAA01610@bridge.net>
Subject: Re: [APRSSIG:5933]
Date: Wed, 30 Oct 96 18:01:41 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>o javAPRS: For the past two months, we have been working with
>Steve Dimse (K04HD) to identify some browser specific issues in his
>javAPRS work. Steve has identified these issues and we are now ready
>to make our javAPRS site public. Running with a dedicated transceiver
>on 144.390MHz. (Canadian APRS frequency), we are providing real time
>javAPRS updates from 15 minutes to 24 hours of activity - automatically!
>
Nice work John...a couple of comments.

I don't know what connection you have with the internet, but the files seem to come across pretty slowly, less than 500 bytes/sec, even early in the morning. Probably nothing you can do abt it though.

How about adding a USA map to the maplist? I'd be nice to see if anything is coming thru the local gate.

There is a feature that I don't think I had documented that might be of interest to you.

<param name="fileReload1" value="900"> would cause datafile1 to get reloaded every 900 seconds (15 minutes). The best way to use this is to reload the 15 minute file every 15 minutes, and then load the long duration file specific for the html file. They'll be dups received for the last 15 minutes, but the advantage would be continued updates.

Steve K04HD

From bruninga@nadm.navy.mil Wed Oct 30 17:08:33 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA22226 for <aprssig@tapr.org>; Wed, 30
Oct 1996 17:08:31 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil
(8.7.5/8.7.3) with SMTP id SAA09246 for <aprssig@tapr.org>; Wed, 30 Oct 1996
18:13:39 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Wed, 30 Oct 1996 18:13:39 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5960] Beacon when mobile is stopped QUESTION
In-Reply-To: <v0300780bae9c17567021@[129.46.159.136]>
Message-ID: <Pine.GS0.3.95.961030180838.8956B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 29 Oct 1996, Richard Parry wrote:

> I understand that a mobile station transmits frequently (once every 1-5
> minutes) at least compared to a fixed station (once an hour). Is it
> expected practice that when a mobile APRS station (vehicle) "parks" for the
> night that it should turned itself off and stop beaconing?

APRSDos REPLY/COMMENT: An interesting problem. Hook a 555 timer to the
IGNITION that drives some kind of circuit to only pass through the PTT
once every now and then... when the ignition is off.?

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From 71301.3106@CompuServe.COM Wed Oct 30 17:08:54 1996
Received: from dub-img-7.compuserve.com (dub-img-7.compuserve.com
[149.174.206.137]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id RAA22243 for
<aprssig@tapr.org>; Wed, 30 Oct 1996 17:08:52 -0600 (CST)
Received: by dub-img-7.compuserve.com (8.6.10/5.950515)
id SAA28331; Wed, 30 Oct 1996 18:08:19 -0500
Date: 30 Oct 96 18:07:13 EST
From: Mike Musick <71301.3106@CompuServe.COM>
To: <aprssig@tapr.org>
Subject: Re: Maps with county lines
Message-ID: <961030230712_71301.3106_FHJ20-1@CompuServe.COM>

I don't know if Jack has delved very deeply into the 100K "Boundaries" files,
but I've been playing with them for a couple of months trying to get consistent
results with MacDLG. In short, I can't. At least not yet.

It appears that the Boundaries dataset relies a lot on "area" datatypes rather
than the "line" types we're using. Also, there are a number of line records

that don't have any line type attributes that have political boundary significance. It's been somewhat frustrating because every time I think "I've got it!", something else breaks the scheme. If I just let all untyped line records result in vectors, the output contains a bunch of extraneous lines such as quadrant boundaries.

So... as far as the 100K data goes, that's a long way around to say "we're still working on it".

...mike/N0QBF

From bruninga@nadm.navy.mil Wed Oct 30 17:12:33 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA22295 for <aprssig@tapr.org>; Wed, 30 Oct 1996 17:12:31 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id SAA09321 for <aprssig@tapr.org>; Wed, 30 Oct 1996 18:17:40 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Wed, 30 Oct 1996 18:17:40 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5966] APRS Node symbol?
In-Reply-To: <199610300131.UAA18680@news1.radix.net>
Message-ID: <Pine.GS0.3.95.961030181612.8956C-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 29 Oct 1996, Kevin Kelly wrote:

> Now that the N6QAB repeater has an APRS Node for the MIC encoder. I was
> wondering if anyone has a suggestion for a "Node" symbol?

APRSDOS REPLY/COMMENT: I have made it and tested it and it will be in the next version. It is tiny letters MIC arranged vertically Kinda like a tower...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Wed Oct 30 17:15:21 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA22371 for <aprssig@tapr.org>; Wed, 30 Oct 1996 17:15:19 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id SAA09366 for <aprssig@tapr.org>; Wed, 30 Oct 1996 18:20:28 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Wed, 30 Oct 1996 18:20:27 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org

Subject: Re: [APRSSIG:5969] 30m "hits" on the Left Coast
In-Reply-To: <32766F4B.42F5@ix.netcom.com>
Message-ID: <Pine.GS0.3.95.961030181803.8956D-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 29 Oct 1996, kb6lfm wrote:

> Had a very interesting morning. At 06:30 PST. I had a total of 17
> states on screen on APRS. That's the highest I've seen to date. Curious
> as to "who" is the Maritime Mobil "YP694"?? had a couple of solid hits
> directly on 30m.

APRSDOS REPLY/COMMENT: My fault. It is a naval academy boat. I was giving a demo to some students and tuned in 10151. Put my call in the BText. Then we walked over to an adjacent boat to get it up for some keyboard chats across the pier, and when I sent the students back to the first boat IT WAS GONE! It had gotten underway!

It gets back Friday... We will be doing a full class demo to about 17 students at about 1430 EST on Friday..

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Wed Oct 30 17:19:56 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA22680 for <aprssig@tapr.org>; Wed, 30 Oct 1996 17:19:54 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id SAA09507 for <aprssig@tapr.org>; Wed, 30 Oct 1996 18:25:02 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Wed, 30 Oct 1996 18:25:02 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5970] Re: Map data from remote U2000
In-Reply-To: <Pine.SOL.3.91.961029182942.19416C-1000000@ns1>
Message-ID: <Pine.GS0.3.95.961030182216.8956E-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 29 Oct 1996, Geoff Peacock wrote:

> WB4QEV-3>APRS,K4ZM-1:13031.31N/08807.31W_
> WB4QEV-3>GPS:!!0000008802E003B1----03CE-----012E055200000000

How widely separated in time are these packets. The first one is the WX station's BText showing position only. You will NOT see any WX data until the next WX packet comes in. At that point, the entry on the P-LIST (positions screen) should include not only the position but should have the WX data added on the end.

As soon as the next BText posit comes in, though, it overwrites the WX data until it comes in again...

From bruninga@nadn.navy.mil Wed Oct 30 17:27:36 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA22783 for <aprssig@tapr.org>; Wed, 30 Oct 1996 17:27:33 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id SAA09731; Wed, 30 Oct 1996 18:32:36 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 30 Oct 1996 18:32:36 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
cc: gwyn@paccomm.com
Subject: Re: [APRSSIG:5975] RE: Beacon when mobile is stopped QUESTION
In-Reply-To: <01BBC5ED.7598F4A0@red150.onramp.net>
Message-ID: <Pine.GSO.3.95.961030182707.8956G-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 29 Oct 1996, Larry Griffin wrote:

> It would be nice if TNCs had an input to select 1 of 2 posrates. When
> parked beaconing once an hour might be plenty. When mobile a faster rate
> could be switched manually or wired to the ignition. How about it?

APRSdos REPLY/COMMENT: Gwyn, this would be a trivial software mod to your TNC's. When in GPS mode, use the DSR data set ready INPUT to the TNC to toggle between HIGH rate and low. If this option is selected in the TNC menu, then when DSR is held high (by the ignition switch) then the rate is normal. When DSR goes low, then the rate is multiplied by 4... Or actually by N. I would make the new TNC command be RATE N. Where N=0 means the feature is disabled (default) and when N is non zero, then it works!

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadn.navy.mil Wed Oct 30 17:32:39 1996
Received: from arctic.nadn.navy.mil (arctic.nadn.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA22907 for <aprssig@tapr.org>; Wed, 30 Oct 1996 17:32:36 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadn.navy.mil (8.7.5/8.7.3) with SMTP id SAA09860 for <aprssig@tapr.org>; Wed, 30 Oct 1996 18:37:45 -0500 (EST)
X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process doing -bs
Date: Wed, 30 Oct 1996 18:37:44 -0500 (EST)
From: Bob Bruninga <bruninga@nadn.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5978] EGA Monitor: No color with APRS

In-Reply-To: <199610300721.CAA01541@mh004.infi.net>
Message-ID: <Pine.GS0.3.95.961030183613.8956J-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 30 Oct 1996, jud wrote:

> computer. Several programs in the Laptop such as packet programs are
> working great in color but the APRS program only runs in Black and White
> with the EGA monitor. My question is, will APRS work in color using an EGA
> system and if it does is there something in the APRS software that I am over
> looking. Any help or comments will be greatly appreciated.

APRSDOS REPLY/COMMENT: You may have an EGA monitor, but that system must be working in CGA mode. APRS will work with EGA, but in CGA mode it reverts to B/W since that is all that is available in HI-RES mode... Your laptop is clearly a CGA video system.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Wed Oct 30 17:37:14 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA23232 for <aprssig@tapr.org>; Wed, 30 Oct 1996 17:37:12 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id SAA10013 for <aprssig@tapr.org>; Wed, 30 Oct 1996 18:42:20 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Wed, 30 Oct 1996 18:42:20 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5981] Re: Beacon when mobile is stopped QUESTION
In-Reply-To: <19961030.074820.8622.1.aprs@juno.com>
Message-ID: <Pine.GS0.3.95.961030184020.8956L-1000000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 30 Oct 1996, ap rs wrote:

> I have suggested to both Paccomm and Kantronics that the GPS firmware have
> a selectable "speed up or slow down function" that will speed up the
> posrate if the fix appears to be changing (more than normal SA) and will
> slow down when it seems stopped.
> I also asked Bob to look at something like this in the live APRS program,

APRSDOS REPLY/COMMENT: APRS has always had this feature. If your GPS position does not change, then APRS decays the posit. But with the effects of selective availability making even a fixed station appear to move, this doesn't help. Also it means you have to leave the LAPTOP on in the car all the time if you want APRS to do anything...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Wed Oct 30 17:41:22 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA23429 for <aprssig@tapr.org>; Wed, 30 Oct 1996 17:41:20 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id SAA10219 for <aprssig@tapr.org>; Wed, 30 Oct 1996 18:46:28 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Wed, 30 Oct 1996 18:46:28 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5989] Re: W3IWI-13 DGPS
In-Reply-To: <32777239.2F98@y100.com>
Message-ID: <Pine.GS0.3.95.961030184524.8956M-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 30 Oct 1996, Mark Humphrey wrote:

> A question for WB4APR: My "Heard" log shows less than ten packets per
> hour from W3IWI-13, although I am actually receiving over 100 per hour.
> What happens in the log if the number received from a particular station
> exceeds 99?

APRSDos REPLY/COMMENT: Unfortunately the DGPS packets are NOT counted by APRS, only the W3IWI-13 BEACON texts...

If any station exceeds 99, it stays at 99

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From bruninga@nadm.navy.mil Wed Oct 30 17:50:17 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id RAA23904 for <aprssig@tapr.org>; Wed, 30 Oct 1996 17:50:15 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id SAA10440 for <aprssig@tapr.org>; Wed, 30 Oct 1996 18:55:23 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Wed, 30 Oct 1996 18:55:23 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Football tracking 96
In-Reply-To: <Pine.GS0.3.95.961030164044.19180A-100000@mayport>
Message-ID: <Pine.GS0.3.95.961030185337.89560-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>
> Naval Academy Director of Athletics Jack Lengyel has announced today
> that the December 7 Army-Navy football game at Philadelphia's Veterans
> Stadium is sold out.

APRSdos REPLY/COMMENT: There you have it. The APRS football tracking exercise will begin at noon on Friday the 6th and run all night to cease at 7 AM on the 7th... in Philadelphia.

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From sdimse@bridge.net Wed Oct 30 18:32:22 1996
Received: from brickell.bridge.net (root@brickell.bridge.net [204.253.4.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA25834 for <aprssig@tapr.org>; Wed, 30 Oct 1996 18:32:21 -0600 (CST)
Received: from bridge.net (newworld.bridge.net [204.253.4.4]) by brickell.bridge.net (8.7.6/8.7.3) with ESMTP id TAA24797 for <aprssig@tapr.org>; Wed, 30 Oct 1996 19:27:20 -0500
Received: from (ppp-mia2-93.bridge.net [204.253.4.93]) by bridge.net (8.7.5/8.7.3) with SMTP id TAA02220 for <aprssig@tapr.org>; Wed, 30 Oct 1996 19:28:14 -0500 (EST)
Message-Id: <199610310028.TAA02220@bridge.net>
Subject: Re: [APRSSIG:6000] [Fwd: new Mir Frequencies.. Comments?]
Date: Wed, 30 Oct 96 19:32:40 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris EMailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>I am not really too happy about them switching as I know there are a
>lot of APRS people at 145.79 and when doppler is compensated for there
>will be substantial interference. The 145.200 freq is also in use by
>various digital packet nodes in the region.. be sure to listen on your
>transmit frequency to be sure it is not in use before using.. These
>frequencies will definitely help out the European community where
>145.55 is a common simplex frequency but I am not sure how it will be
>taken here or in the rest of the world. It would seem to me that this
>push to change frequencies has been well resisted, but now the moment
>has come, and we shall all see how this European frequency change
>works..

I wouldn't sweat it too much. I doubt they will be able to tolerate it for long, as it will QRM MIR far more than us. Imagine listening to all the APRS LANs in the country at once, with doppler shift they will be hearing us only 7kHz away from their center freq as they approach each LAN. When listening for voice on 145.2 they will be hearing all those unattended packet stations.

>From the perspective of the APRS user, the situation looks much better.

There will be 4 or 5 passes a day for most stations, 10 or 15 min each, with "bad" doppler shifts for less than half of each pass. The station will only be transmitting intermittantly during that time. Few of us will ever notice anything.

My advice is just to ignore the problem, and it will probably go away.

Steve K04HD

From dougwe@ccintnet.wrq.com Wed Oct 30 18:52:51 1996
Received: from elmer.wrq.com (elmer.wrq.com [150.215.17.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id SAA26847 for <aprssig@tapr.org>; Wed, 30 Oct 1996 18:52:47 -0600 (CST)
From: dougwe@ccintnet.wrq.com
Received: from ccintnet.wrq.com ([150.215.5.110]) by elmer.wrq.com with SMTP (1.37.109.20/15.6) id AA114903165; Wed, 30 Oct 1996 16:52:45 -0800
Received: from ccMail by ccintnet.wrq.com (SMTPLINK V2.10.08) id AA846723349; Wed, 30 Oct 96 16:26:39 PST
Date: Wed, 30 Oct 96 16:26:39 PST
Message-Id: <9609308467.AA846723349@ccintnet.wrq.com>
To: aprssig@tapr.org

Can someone refresh my memory - what's the conversion factor from inches to millibars?

Thanks
Doug
KC7CO

From geoff@maf.mobile.al.us Wed Oct 30 18:55:03 1996
Received: from ns1.maf.mobile.al.us (ns1.maf.mobile.al.us [206.202.0.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id SAA26931 for <aprssig@tapr.org>; Wed, 30 Oct 1996 18:54:59 -0600 (CST)
Received: from ns1 by ns1.maf.mobile.al.us (5.x/SMI-SVR4) id AA04324; Wed, 30 Oct 1996 18:51:41 -0600
Date: Wed, 30 Oct 1996 18:51:36 -0600 (CST)
From: Geoff Peacock <geoff@maf.mobile.al.us>
X-Sender: geoff@ns1
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6007] Re: Map data from remote U2000
In-Reply-To: <Pine.GS0.3.95.961030182216.8956E-100000@arctic>
Message-Id: <Pine.SOL.3.91.961030184947.28411B-100000@ns1>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Both packets were within a few minutes of each other, the beacon coming first and painting the blue dot. The actual wx data never shows in the position list. It is never appended to the beacon text.

Geoff Peacock
Mobile Area Free-Net, Inc.

geoff@maf.mobile.al.us

'''
(o o)
o00__ () __00o_
(334) 405-4600

On Wed, 30 Oct 1996, Bob Bruninga wrote:

> On Tue, 29 Oct 1996, Geoff Peacock wrote:

>

> > WB4QEV-3>APRS,K4ZM-1:!3031.31N/08807.31W_

> > WB4QEV-3>GPS:!!0000008802E003B1----03CE-----012E055200000000

>

> How widely separated in time are these packets. The first one is the WX
> stationi BText shoing position only. You will NOT see any WX data until
> the next WX packet comes in. At that point, the entry on the P-LIST
> (positions screen) should include not only the position but should have
> the WX data added on the end.

>

> As sson as the next BText posit comes in, though, it overwrites the WX
> data until it comes in again...

>

>

From kb6lfm@ix.netcom.com Wed Oct 30 19:01:29 1996

Received: from dfw-ix5.ix.netcom.com (dfw-ix5.ix.netcom.com [206.214.98.5]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id TAA27079 for <aprssig@tapr.org>; Wed, 30
Oct 1996 19:01:27 -0600 (CST)

Received: from -kb6lfm (ala-ca9-60.ix.netcom.com [207.93.143.124]) by dfw-
ix5.ix.netcom.com (8.6.13/8.6.12) with SMTP id RAA18686 for <aprssig@tapr.org>;
Wed, 30 Oct 1996 17:00:54 -0800

Message-ID: <3277FA35.F89@ix.netcom.com>

Date: Wed, 30 Oct 1996 17:00:37 -0800

From: kb6lfm <kb6lfm@ix.netcom.com>

Reply-To: kb6lfm@ix.netcom.com

X-Mailer: Mozilla 3.0Gold (Win95; I)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:6006] Re: 30m "hits" on the Left Coast

References: <Pine.GS0.3.95.961030181803.8956D-100000@arctic>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bob Bruninga wrote:

>

> On Tue, 29 Oct 1996, kb6lfm wrote:

>

> > Had a very interesting morning. At 06:30 PST. I had a total of 17
> > states on screen on APRS. Thats the highest I've seen to date. Curious
> > as to "who" is the Maritime Mobil "YP694"...? had a couple of solid hits
> > directly on 30m.

>

> APRSdos REPLY/COMMENT: My fault. It is a naval academy boat. I was
> giving a demo to some students and tuned in 10151. Put my call in the
> BText. Then we walked over to an adjacent boat to get it up for some
> keyboard chats aross the pier, and when I sent the students back to the
> first boat IT WAS GONE! It had gotten underway!

>
> It gets back Friday... We will be doing a full class demo to about 17
> students at about 1430 EST on Friday..
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

APRSDOS REPLY/COMMENT: Believe "Missing Ships Movement" is still a
Courtmartial offence CMDR! Hi...!
I'll be looking for UR demo on Fri at 14:30 EST.

73 de Bill KB6LFM

From JOHN.LANGTRY@resonet.com Wed Oct 30 19:48:14 1996
Received: from gw.resonet.com (resonet.com [199.243.226.10]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id TAA29182 for <aprssig@tapr.org>; Wed, 30 Oct 1996
19:48:12 -0600 (CST)

From: JOHN.LANGTRY@resonet.com
Received: by gw.resonet.com (5.65v3.2/DEC-Ultrix/4.3)
id AA26881; Wed, 30 Oct 1996 20:54:27 -0500
X400-Received: by mta MTA-1 in /ADMD=TELECOM.CANADA/C=CA/;
Relayed; 31 Oct 1996 01:54:26 +0000
X400-Received: by /ADMD=TELECOM.CANADA/C=CA/;
converted (IA5-Text);
Relayed; 31 Oct 1996 01:47:00 +0000
Date: 31 Oct 1996 01:47:00 +0000
X400-Originator: /PN=JOHN.LANGTRY/DD.ID=JOHN.LANGTRY/O=SCNM/ADMD=TELECOM.CANADA/
C=CA/@resonet.com
X400-Mts-Identifier: [/ADMD=TELECOM.CANADA/C=CA/SNGA-1385-3900]
To: aprssig@tapr.org
Subject: Peel.Com
Importance: normal
Autoforwarded: FALSE
Message-Id: <"SNGA-1385-3900*/O=ENVOY
100/ADMD=TELECOM.CANADA/C=CA/"@MHS>
X400-Content-Type: P2-1984 (2)
Priority: normal

Folks :

John VE3SVE has taken one very large step forward for those of us
up here in the Great White North, and (pardon the pun) done a very
F.B. job of putting "these few acres of snow" on the map !

Take a deep bow, John, you certainly deserve it ! Fine job, well done.

For those of you that would like to see what we're up to, up here;
or indeed to see if you're being heard in Canada; try WWW.PEEL.COM
push the APRS button and go from there. (Bob, you can now see why
I don't really want the RMC string from the eyes of the law; hi,

now they don't even need to run APRS to nail me !)

John, when you read this, be kind, and remember, your Father's pension and my continued salary, pend on you not really disclosing how you get into the Internet. (Ahem) We are working on a box in my shop that will give you DS-1 (1.544 M/sec) over regular copper pairs ... this will only come to light if some of us continue to have our jobs ... so don't poke the parent company hi hi hi ! (You guessed it, folks, we're telephone people SVE does his thing with R.F. as I do mine with fiber.)

And to Steve K04HD, also tremendous congratters; and I "kinda" agree that the U.S. map should be included in the list. (I gate the signals thru to the 2M network in our area.) However, (ahem) the addition of the U.S. map should not be at the loss of "important" maps ... cough, meaning, of course, the Georetown map !

As to why it was / may be slow during the day, is that numerous members of the telephone families have been playing with it, and having great fun ! ... Now, if we could only get the java applet to run over our very dumb fire wall router (made in 1929), we'd really be getting somewhere !

Till next time, my vy 73 de John VE3NEC

From ttyamada@CCGATE.HAC.COM Wed Oct 30 20:27:50 1996
Received: from igate1.hac.com (igate1.HAC.COM [192.48.33.10]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA00571 for <aprssig@tapr.org>; Wed, 30 Oct 1996 20:27:48 -0600 (CST)
From: ttyamada@CCGATE.HAC.COM
Received: from ises01.ES.HAC.COM ([147.16.5.2]) by igate1.hac.com (8.7.6/8.7.3) with SMTP id SAA09811 for <aprssig@tapr.org>; Wed, 30 Oct 1996 18:27:18 -0800 (PST)
Received: by ises01.ES.HAC.COM; id AA26955; Wed, 30 Oct 1996 18:27:15 -0800
Received: from cc:Mail by CCGATE.HAC.COM
id AA846728803; Wed, 30 Oct 96 16:27:31 PST
Date: Wed, 30 Oct 96 16:27:31 PST
Encoding: 29 Text
Message-Id: <9609308467.AA846728803@CCGATE.HAC.COM>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6003] Re: Beacon when mobile is stopped QUESTIO

Maybe this could be built into the MIC, or maybe this could be another PIC project?

How about:

- 1) Sense the distance traveled from the GPS string
- 2) Define a *trigger* amount/distance larger than SA
- 3) If the distance traveled is larger than *trigger*,
Then post the data at rates according to amount of distance
from last transmission point or velocity.
- 4) Use the Ignition to run/halt the transmission by a

sensing line or just killing power?

Just some ideas.....

73, Ted...

----- Reply Separator -----

Subject: [APRSSIG:6003] Re: Beacon when mobile is stopped QUESTION

Author: aprssig@tapr.org at CCGATE

Date: 10/30/96 3:50 PM

On Tue, 29 Oct 1996, Richard Parry wrote:

> I understand that a mobile station transmits frequently (once every 1-5
> minutes) at least compared to a fixed station (once an hour). Is it
> expected practice that when a mobile APRS station (vehicle) "parks" for the
> night that it should turned itself off and stop beaconing?

From hwm@netcom.com Wed Oct 30 20:46:24 1996

Received: from mm.wd6dod.ampr.org (hwm@netcom2.netcom.com [192.100.81.108]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA01364 for <aprssig@tapr.org>; Wed, 30 Oct 1996 20:46:20 -0600 (CST)

Received: from localhost (by mm.wd6dod.ampr.org (8.7.5/8.6.12) with SMTP id SAA00128 for <aprssig@tapr.org>; Wed, 30 Oct 1996 18:38:38 -0800

Date: Wed, 30 Oct 1996 18:38:38 -0800 (PST)

From: Bob Lorenzini <hwm@netcom.com>

To: aprssig@tapr.org

Subject: Re: [APRSSIG:6013] Re: [Fwd: new Mir Frequencies.. Comments?]

In-Reply-To: <199610310028.TAA02220@bridge.net>

Message-ID: <Pine.LNX.3.95.961030183813.126A-1000000@mm.wd6dod.ampr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Packet always wins over voice.

Bob - wd6dod

From amirault@laraby.tiac.net Wed Oct 30 20:53:08 1996

Received: from laraby.tiac.net (root@laraby.tiac.net [199.0.65.80]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id UAA01844 for <aprssig@tapr.org>; Wed, 30 Oct 1996 20:53:07 -0600 (CST)

Received: (from amirault@localhost) by laraby.tiac.net (8.8.0/8.6.6.Beta9) id VAA00533; Wed, 30 Oct 1996 21:53:46 -0500 (EST)

Date: Wed, 30 Oct 1996 21:53:46 -0500 (EST)

From: Richard Amirault <amirault@laraby.tiac.net>

To: APRS sig group <aprssig@tapr.org>

Subject: Freq Change date for Mir, Nov 1 (fwd)

Message-ID: <Pine.BSF.3.91.961030215234.173B-1000000@laraby.tiac.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I thought the following message would be of interest to all of us on 145.79

Richard Amirault N1JDU Boston, Massachusetts USA
amirault@tiac.net "Go Fly A Kite"

----- Forwarded message -----

Date: 30 Oct 96 12:45:25 EDT
From: Miles Mann/PicTel <Miles_Mann@smtpnotes.pictel.com>
To: Keith N Thews <kthews@iusb.edu>
Cc: amsat-bb <amsat-bb@amsat.org>
Subject: Freq Change date for Mir, Nov 1

29-Oct-96 09:58:39 R0MIR*>CQ (UI):
SINCE 11-01-96 NEW FREQ ON MIR:145.800 IN PAC, 145.800 Rx/145.200 Tx IN VOICE

29-Oct-96 09:59:53 CONNECTED to R0MIR-1
Logged on to R0MIR's Personal Message System
CMD(B/H/J/K/KM/L/M/R/S/SR/V/?)>
r 43Stat : PR
Posted : 10/29/96 18:29
To : ALL
>From : R0MIR
@ BBS :
xID :
Subject: new Mir frequency

Since November 1 we'll have new frequency on Mir.
xPacket - 145.800
Voice - 145.800 Rx/145.200 Tx.
These frequencies are recommended us by the International amateur
conference in region 1.
We'll open for contacts on new frequency.
73 Mir crew

CMD(B/H/J/K/KM/L/M/R/S/SR/V/?)>
b - Logged off
29-Oct-96 10:00:28 DISCONNECTED: R0MIR-1

Dear Amsat-bb Members:

In response to Miles Mann's notification of the freq. change. I would like to ask when effective will the .55 to .8 change occur or if it has already occurred already. I did hear John talking last Sunday to a few hams on my scanner radio in Elkhart, IN. The time was in the early afternoon.

Going back to the freq. change: I will inform the newspapers in my area as to the change whenever it is about to occur or has occurred.

Sincerely,
Keith Thews
kthews@oit1.iusb.edu

From cjcavanagh@msn.com Wed Oct 30 21:03:06 1996
Received: from upsmot02.msn.com (upsmot02.msn.com [204.95.110.79]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA02059 for <aprssig@tapr.org>; Wed, 30 Oct 1996 21:03:02 -0600 (CST)
Received: from upmajb06 ([204.95.110.89]) by upsmot02.msn.com (8.6.8.1/Configuration 4) with SMTP id QAA15113 for <aprssig@tapr.org>; Wed, 30 Oct 1996 16:11:20 -0800
Date: Thu, 31 Oct 96 01:12:40 UT
From: "Carolyn Cavanagh" <cjcavanagh@msn.com>
Message-Id: <UPMAIL02.199610310112290380@msn.com>
To: aprssig@tapr.org
Subject: RE: Maps with county lines only

de jack cavanagh, kb4xf

In response to an overwhelming number of requests (3), here is the hack to makmap.bas to get only political boundaries

In line 29 of the source code change

```
    finx%=1  
to  
    finx%=4
```

When the program asks for the maximum number of features your answer will be 4

I have tested this one time for Wisconsin for a 64 mile map center on 44N 89W

This will work FB for land-locked states. For coastal or Great Lake states like WI the shore line is needed. In this case change line 29 to read

```
    finx%=2  
You will then get rivers and small lakes too, but mapfix can take them out.
```

gotchas

1-You need the compiler BASIC QuikBasic 4.5 (qb45.exe) to run makmap because of the large arrays

2- qb45.exe must be invoked with large memory option with the command line: qb45 /ah

RE 2M Formats:

I have just learned that USGS has a new 2M CD. The limited description that I found on the internet suggest that data is current as on Dec 1994. However, the format (one of the three on the CD) used for makmap is not on new CD. I have sent for data sheet from USGS. If change is needed and APRS users want it, I could have a new program out by end of year.

jack
cjcavanagh@msn.com

From rhost@itexas.net Wed Oct 30 21:09:37 1996
Received: from mailhost.itexas.net (mailhost.itexas.net [207.22.198.33]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id VAA02413 for <aprssig@tapr.org>; Wed, 30 Oct 1996 21:09:35 -0600 (CST)
Received: from rhost.itexas.net ([207.22.198.51]) by mailhost.itexas.net (post.office MTA v2.0 0813 ID# 0-12497) with ESMTP id AAA151 for <aprssig@tapr.org>; Wed, 30 Oct 1996 21:08:00 -0600
From: rhost@itexas.net (Roy Bost)
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:6018] Re: Beacon when mobile is stopped QUESTIO
Date: Wed, 30 Oct 1996 21:07:58 -0600
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Message-ID: <19961031030759441.AAA151@rhost.itexas.net>

Lets see.....as I remember....almost all radios come with a current interupter called
an on\off switch! ;-)

Roy Bost, N5TAM
Granbury, Tx.
rhost@itexas.net
32 25' 33"N 97 48' 59"W

From ku0g@sprynet.com Wed Oct 30 21:48:59 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA04120 for <aprssig@tapr.org>; Wed, 30 Oct 1996 21:48:58 -0600 (CST)
Received: from JIMDUNCA ([208.131.65.134]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id TAA05926 for <aprssig@tapr.org>; Wed, 30 Oct 1996 19:48:53 -0800
Date: Wed, 30 Oct 1996 19:48:53 -0800
Message-Id: <199610310348.TAA05926@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:6013] Re: [Fwd: new Mir Frequencies.. Comments?]

Gee.....Maybe this would be an OPPORTUNITY for a REAL Space Digipeater!
No, I'm SERIOUS!!!

If they're going to be on 145.80 why not try to get permission to use the digipeater on a restricted basis. Perhaps on only certain orbits (such as

late night hours outside of the normal voice/digital operating periods)?

Here's the best opportunity we've had since SPRE! How do we get this done?

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From ku0g@sprynet.com Wed Oct 30 21:53:41 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.1.97]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id VAA04235 for <aprssig@tapr.org>; Wed, 30 Oct 1996
21:53:36 -0600 (CST)
Received: from JIMDUNCA ([208.131.65.134]) by m1.sprynet.com (8.6.12/8.6.12) with
SMTP id TAA07179 for <aprssig@tapr.org>; Wed, 30 Oct 1996 19:53:32 -0800
Date: Wed, 30 Oct 1996 19:53:32 -0800
Message-Id: <199610310353.TAA07179@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:6014]

At 18:57 10/30/96 -0600, you wrote:

> Can someone refresh my memory - what's the conversion factor from
> inches to millibars?
>
> Thanks
> Doug
> KC7CO
>

1 millibar = 0.02953 inches of mercury (Hg)

1 inch of Hg = 33.865 millibars

You're welcome!

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From kirk@neptune.gsfc.nasa.gov Wed Oct 30 21:55:35 1996
Received: from wheelo.gsfc.nasa.gov (wheelo.gsfc.nasa.gov [128.183.50.20]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA04289 for <aprssig@tapr.org>; Wed, 30
Oct 1996 21:55:33 -0600 (CST)
Received: from neptune.gsfc.nasa.gov by wheelo.gsfc.nasa.gov (5.65/Ultrix3.0-C)
id AA15994; Wed, 30 Oct 96 22:55:31 -0500
Received: from breezy.gsfc.nasa.gov by neptune.gsfc.nasa.gov via SMTP

(950911.SGI.8.6.12.PATCH825/920502.SGI)for <aprssig@tapr.org> id WAA23607; Wed, 30 Oct 1996 22:58:48 -0500
Message-Id: <2.2.32.19961031035609.006ac480@neptune.gsfc.nasa.gov>
X-Sender: kirk@neptune.gsfc.nasa.gov
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 30 Oct 1996 22:56:09 -0500
To: aprssig@tapr.org
From: Robert Kirk <kirk@neptune.gsfc.nasa.gov>
Subject: Re: W3IWI-13 DGPS

>I believe WB4APR still has "hooks" in APRS (they were there eons ago) to
>pass the DGPS bits from the TNC into your GPS receiver. I haven't had the
>chance to test this with a recent APRS 7.x release. Can Bob or somebody
>report if it still works, and perhaps post a note on how to configure
>APRS to make it happen?
>
>73 de Tom, W3IWI
>

It works fine on the version I'm using, APRS77B. You just select
'dgps' under GPS modes. I'm using a laptop with a pcmcia second
comm port so I don't know if it works in the single port HSP
configuration. No reason to suspect it doesn't.

Unrelated but interesting: the two port APRS setup only seems
to work when I select the TNC to COMM2 (PCMCIA slot) and the
GPS in COMM1 (regular serial port). No idea why. Does anyone else
have this problem? Perhaps I made some goof in the initial setting
and it means nothing.

Bob Kirk
N3OZB

From kirk@neptune.gsfc.nasa.gov Wed Oct 30 21:58:37 1996
Received: from wheelo.gsfc.nasa.gov (wheelo.gsfc.nasa.gov [128.183.50.20]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id VAA04370 for <aprssig@tapr.org>; Wed, 30
Oct 1996 21:58:35 -0600 (CST)
Received: from neptune.gsfc.nasa.gov by wheelo.gsfc.nasa.gov (5.65/Ultrix3.0-C)
id AA16000; Wed, 30 Oct 96 22:58:33 -0500
Received: from breezy.gsfc.nasa.gov by neptune.gsfc.nasa.gov via SMTP
(950911.SGI.8.6.12.PATCH825/920502.SGI)for <aprssig@tapr.org> id XAA23646; Wed, 30
Oct 1996 23:01:55 -0500
Message-Id: <2.2.32.19961031035915.006d6510@neptune.gsfc.nasa.gov>
X-Sender: kirk@neptune.gsfc.nasa.gov
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 30 Oct 1996 22:59:15 -0500
To: aprssig@tapr.org
From: Robert Kirk <kirk@neptune.gsfc.nasa.gov>
Subject: Re: [APRSSIG:6012] Football tracking 96

At 06:01 PM 30-10-96 -0600, Bob Bruninga <bruninga@nadm.navy.mil> wrote:
[...]>
>APRSdos REPLY/COMMENT: There you have it. The APRS football tracking
>exercise will begin at noon on Friday the 6th and run all night to cease
>at 7 AM on the 7th... in Philadelphia.
>
>

How come you don't get to go along and track the trip
to the Notre Dame game? :-)

Bob Kirk
N30ZB

From kirk@neptune.gsfc.nasa.gov Wed Oct 30 22:03:28 1996
Received: from wheelo.gsfc.nasa.gov (wheelo.gsfc.nasa.gov [128.183.50.20]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id WAA04705 for <aprssig@tapr.org>; Wed, 30
Oct 1996 22:03:26 -0600 (CST)
Received: from neptune.gsfc.nasa.gov by wheelo.gsfc.nasa.gov (5.65/Ultrix3.0-C)
id AA16015; Wed, 30 Oct 96 23:03:25 -0500
Received: from breezy.gsfc.nasa.gov by neptune.gsfc.nasa.gov via SMTP
(950911.SGI.8.6.12.PATCH825/920502.SGI)for <aprssig@tapr.org> id XAA23663; Wed, 30
Oct 1996 23:06:47 -0500
Message-Id: <2.2.32.19961031040407.006cc0dc@neptune.gsfc.nasa.gov>
X-Sender: kirk@neptune.gsfc.nasa.gov
X-Mailer: Windows Eudora Pro Version 2.2 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 30 Oct 1996 23:04:07 -0500
To: aprssig@tapr.org
From: Robert Kirk <kirk@neptune.gsfc.nasa.gov>
Subject: Inches & Millibars

At 06:58 PM 30-10-96 -0600, dougwe@ccintnet.wrq.com wrote:
> Can someone refresh my memory - what's the conversion factor from
> inches to millibars?
>
> Thanks
> Doug
> KC7CO
>

An easy way to remember, is to use the ratios of 'standard'
atmospheric pressures in both systems: 1013.2 (millibars)
divided by 29.92 (inches). It's 33 point something, but I
find it easier to remember the 2 components.

Bob Kirk
N30ZB

From ku0g@sprynet.com Wed Oct 30 22:15:03 1996
Received: from m1.sprynet.com (m1.sprynet.com [165.121.2.97]) by tapr.org

(8.7.5/8.7.3/1.9) with SMTP id WAA04878 for <aprssig@tapr.org>; Wed, 30 Oct 1996 22:15:01 -0600 (CST)
Received: from JIMDUNCA ([208.131.65.134]) by m1.sprynet.com (8.6.12/8.6.12) with SMTP id UAA12758 for <aprssig@tapr.org>; Wed, 30 Oct 1996 20:14:59 -0800
Date: Wed, 30 Oct 1996 20:14:59 -0800
Message-Id: <199610310414.UAA12758@m1.sprynet.com>
X-Sender: ku0g@m1.sprynet.com
X-Mailer: Windows Eudora Light Version 1.5.2
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org
From: Jim Duncan <ku0g@sprynet.com>
Subject: Re: [APRSSIG:6021] RE: Maps with county lines only

> I have just learned that USGS has a new 2M CD. The limited description
>that I found on the internet suggest that data is current as on Dec 1994.
>However, the format (one of the three on the CD) used for makmap is not on new
>CD. I have sent for data sheet from USGS. If change is needed and APRS users
>want it, I could have a new program out by end of year.
>
>jack
>cjcavanagh@msn.com
>

Yes, DEFINITELY!!!!!! please, PLEASE, PPpppppppppppppppLLLLEEEEEEZZZZ! (a la Roger Rabbit).

73 de Jim, KU0G
Chairman/Coordinator
Kansas City APRS Working Group
EMail: ku0g@kcaprs.com
EMail: ku0g@sprynet.com

From aprs@juno.com Wed Oct 30 22:24:18 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA05476 for <aprssig@tapr.org>; Wed, 30 Oct 1996 22:24:16 -0600 (CST)
Received: (from aprs@juno.com) by x10.boston.juno.com (queueemail) id WAA05873; Wed, 30 Oct 1996 22:36:51 EST
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5988] Motrakmotranmicormaxarmitrete?
Message-ID: <19961030.223951.8630.0.aprs@juno.com>
References: <9609308466.AA846688266@ccintnet.wrq.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 3-10
From: aprs@juno.com (ap rs)
Date: Wed, 30 Oct 1996 22:36:51 EST

There's some link system out West that has conversions for Mitreks and even plans for their "special: 440 beam on the web. do a search for mitrek and I think you will find it. I will not be home for a week *and that's where my bookmark file is)

Ralph

On Wed, 30 Oct 1996 09:14:07 -0600 (CST) dougwe@ccintnet.wrq.com writes:

> Anyone know of a web site that contains Motorola commercial-ham
> conversion info?

From sdimse@bridge.net Wed Oct 30 22:42:54 1996

Received: from brickell.bridge.net (root@brickell.bridge.net [204.253.4.3]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA06401 for <aprssig@tapr.org>; Wed, 30 Oct 1996 22:42:51 -0600 (CST)

Received: from bridge.net (newworld.bridge.net [204.253.4.4]) by brickell.bridge.net (8.7.6/8.7.3) with ESMTP id XAA31934 for <aprssig@tapr.org>; Wed, 30 Oct 1996 23:37:42 -0500

Received: from (ppp-mia4-140.bridge.net [204.253.4.140]) by bridge.net (8.7.5/8.7.3) with SMTP id XAA06335 for <aprssig@tapr.org>; Wed, 30 Oct 1996 23:38:41 -0500 (EST)

Message-Id: <199610310438.XAA06335@bridge.net>

Subject: Re: [APRSSIG:6017] Peel.Com

Date: Wed, 30 Oct 96 23:43:09 -0500

x-sender: sdimse@mail.bridge.net

x-mailer: Claris EMailer 1.1

From: Steve Dimse <sdimse@bridge.net>

To: <aprssig@tapr.org>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

>And to Steve K04HD, also tremendous congratters; and I "kinda" agree
>that the U.S. map should be included in the list. (I gate the signals
>thru to the 2M network in our area.) However, (ahem) the addition of
>the U.S. map should not be at the loss of "important" maps ... cough,
>meaning, of course, the Georetown map !

>

I'm sorry...I had meant to send those comments direct to John, but I sent it to the whole sig by mistake. There is no limit to the number of maps javAPRS can handle...in fact poking around in the /maps directory I see John already has a map list file with a couple dozen maps... maybe it's a coming attraction!

>As to why it was / may be slow during the day, is that numerous members
>of the telephone families have been playing with it, and having great
>fun ! ... Now, if we could only get the java applet to run over our
>very dumb fire wall router (made in 1929), we'd really be getting
>somewhere !

>

Yea, that depression era computer equipment is real hard to work with!

Now, for those of you that can run javAPRS directly on your computer, I have an HTML file that will put the Atlanta APRS server, a couple of Bob's semi-live data files, and John's live data all on the same applet. Pretty neat! (It won't run under Netscape because of security issues, but stand-alone applet viewers like the Java Development Kit have the option of turning the security off.

Steve K04HD

From sdimse@bridge.net Wed Oct 30 23:04:22 1996
Received: from brickell.bridge.net (root@brickell.bridge.net [204.253.4.3]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA07424 for <aprssig@tapr.org>; Wed, 30
Oct 1996 23:04:20 -0600 (CST)
Received: from bridge.net (newworld.bridge.net [204.253.4.4]) by
brickell.bridge.net (8.7.6/8.7.3) with ESMTP id XAA32547 for <aprssig@tapr.org>;
Wed, 30 Oct 1996 23:59:10 -0500
Received: from (ppp-mia4-140.bridge.net [204.253.4.140]) by bridge.net
(8.7.5/8.7.3) with SMTP id AAA09160 for <aprssig@tapr.org>; Thu, 31 Oct 1996
00:00:12 -0500 (EST)
Message-Id: <199610310500.AAA09160@bridge.net>
Subject: Re: [APRSSIG:6012] Football tracking 96
Date: Thu, 31 Oct 96 00:04:40 -0500
x-sender: sdimse@mail.bridge.net
x-mailer: Claris Emailer 1.1
From: Steve Dimse <sdimse@bridge.net>
To: <aprssig@tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>APRSdos REPLY/COMMENT: There you have it. The APRS footbal trcking
>exercise will begin at noon on Friday the 6th and run all night to cease
>at 7 AM on the 7th... in Philadelphia.
>
Will your javAPRS site be able to follow this live?

Steve K04HD

From Miles_Mann@smtpnotes.pictel.com Thu Oct 31 00:56:42 1996
Received: from x3.boston.juno.com (x3.boston.juno.com [205.231.100.22]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id AAA17631 for <aprssig@tapr.org>; Thu, 31
Oct 1996 00:56:40 -0600 (CST)
Received: (from w4wwwq@juno.com) by x3.boston.juno.com (queuemail)
id XAA28906; Wed, 30 Oct 1996 23:30:15 EST
To: aprssig@tapr.org
Cc: k4abt@sedan.org
Date: Wed, 30 Oct 1996 21:59:06 PST
Subject: MIR/MAREX - more
Message-ID: <19961030.215908.4543.1.W4WWQ@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0-6,8-12,14-32,34,36,40,42-45,47,49-50,52-53,55-57,
59-64,66,68-69,71-72,75-105
From: w4wwwq@juno.com (Peter J Lascell)

Here is a bit more edited info on the controversey from K4ABT.

Pete W4WWQ
w4wwwq@juno.com

=====

Please read, and PLEASE RESPOND to the authors of this mess any and every way you know how. Also let the APRS guys know that if/when a 30 kHz wide signal goes on 145.800, we will all suffer...

Your help is solicited... call, write.. E-Mail.. If any of you have addresses, or other information about the MAREX/MIR group, please pass it along to others [and to] the SEDAN so they too can respond ...in kind!

Return-path: <wharrell@surfsouth.com>
Resent-From: wharrell@surfsouth.com
Resent-Message-Id: <199610292301.SAA13620@cindy.surfsouth.com>
Comments: Authenticated sender is <wharrell@surfsouth.com>
Resent-to: k4abt@sedan.org
Resent-date: Mon, 21 Oct 1996 15:28:49 +0000
Errors-To: owner-amsat-bb@amsat.org
Sender: owner-amsat-bb@amsat.org
Precedence: List
To: Amsat-Bb <Amsat-Bb@amsat.org>
From: Miles Mann/PicTel <Miles_Mann@smtpnotes.pictel.com>
Date: 29 Oct 96 8:37:39 EDT
Subject: Mir Frequency change

The Space Station Mir, may have a Frequency change soon.
The Radio Club IARU, decided to change the frequency for the space Station Mir.
This IARU radio club does not have any equipment on Mir, yet they decided to change Mir's Frequency. The Mir Amateur Radio Experiment Working Group North America (MAREX) is opposed to this frequency change because in Region 2 (the USA), the QRM caused by adjacent channel interference would make access to Mir extremely difficult for experienced stations with Oscar class equipment.
And impossible for anyone with a lesser station.

FACT

1. Satellite FM requires a 30k Clear channel, on either side of the operating frequency!
2. 145.770 - 145.790 are packed with full time unattended uncorrdinated packet repeaters and APRS beacons!
3. The ERP required to hit Mir will increase from 5 watts ERP to over 5000 kW ERP
4. Ground Stations in the USA will not be able to hear Mir when there is any local packet activity between 145.770 - 145.790

The MAREX Working Group of NA, recommend using the two Satellite subbands

for
all future Manned space flight amateur Radio Activities.

Band 1, 144.300 - 144.500

Band 2, 145.800 - 146.000

In Band 1 we recommend for Mir and ISS, any frequency between
144.325-144.475

In Band 2 we recommend for Mir and ISS, any frequency between 145.820-145.830

An impact study was done to determine the impact on the SSB activity to
Region

1 of having an

uplink only to Mir and ISS. It was determined the impact of having an FM
uplink to Mir and ISS on SSB activities in region 1 would be absolutely
Minimal and should not
be considered as a factor.

Sincerely

G. Miles Mann

MAREX Activities Coordinate North America

Hello MIR crew !

On behalf of Sergej Samburov (RV3DR) and the
SAFEX team, this needs to be done IMMEDIATELY:

1. Set up a message on 70 cm beacon (SAFEX QSO mode)
saying

To all hams around the world.

SAFEX, SAREX, MAREX will be in a conference
from 4th November through 5th November in
Houston, Texas.

This is an international conference for future
space HAM goals.

The participants wish ALL hams to work together.

2. IMMEDIATELY change the MIR's 2 mtr frequency for
all modes (packet and voice) to 145.800 MHz

3. Send beacon on 2 mtr packet saying

NEW MIR QRG 145.800 PACKET

From sparkfel@primenet.com Thu Oct 31 03:07:35 1996

Received: from primenet.com (root@mailhost01.primenet.com [206.165.5.52]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id DAA20976 for <aprssig@tapr.org>; Thu, 31
Oct 1996 03:07:34 -0600 (CST)

Received: from ip-21-066.phx.primenet.com (ip-21-066.phx.primenet.com
[206.165.21.66]) by primenet.com (8.8.2/8.8.2) with SMTP id CAA25412; Thu, 31 Oct
1996 02:07:22 -0700 (MST)

Date: Thu, 31 Oct 1996 02:07:22 -0700 (MST)
Message-Id: <1.5.4.16.19961031020735.29571fb8@mailhost.primenet.com>
X-Sender: sparkfel@mailhost.primenet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (16)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: aprssig@tapr.org, aprssig@tapr.org
From: Mark Fellhauer <sparkfel@primenet.com>
Subject: Re: Beacon when mobile is stopped

At 09:10 PM 10/30/96 -0600, Roy Bost wrote:
> Lets see.....as I remember....almost all radios come with a current
> interupter called
> an on\off switch! ;-)

>

Perhaps you didn't understand the original question or the concept. A variable rate beacon would be very advantageous in a mobile stand-alone tracker. Smart-aleck answers that aren't even funny do no good for a person asking a legitimate technical question.

The easiest solution would be a firmware upgrade from TNC makers, but my personal experience with most of them has been negative, when asking technical questions or trying to offer suggestions. I've found that calls to Kantronics result in finding out that I know more about their product than the people answering the phone. And they won't let me talk to any one in the design and engineering dept. AEA ditto. Varying beacons based on movement of the vehicle as parsed by GPS should account for SA. Often times my GPS will give ground speeds of 2 to 3 MPH when the car is sitting still.

So it's probably up to APRS users to find a solution. My first suggestion would be to tap power off a switched accessory terminal of a car's fusebox and connect it to a small relay to control the variable rate. I suppose this could be controlled in other various manners: A switch that is activated when the car is placed into gear, or even a seat-pressure switch.

This could be connected to a small timer circuit (555) that disables/enables either the PTT line to the TNC or in some other way inhibits the transmitter from TX'ing. Other design considerations should be proper isolation and some method of timer/tx feedback, so that the timer circuit doesn't shut off the the system when it is keyed up. I know this is a probably not a major concern, but with my luck my system would get into some kind of loop where it would time out and never send any packets.

Another consideration is how to get the timer to sync with the beacon. Say we set the normal beacon rate to every 5 minutes and want it to beacon every 20 minutes or so when the car is shut off. To make sure that the RX is enabled, we'd need the set the timer so that it allows packets to be transmitted for a period longer than the beacon rate. In the above example we'd need to have the timer disable TX for 15 minutes or so and then enable TX for 6 minutes or so (to make sure we cover a complete beacon cycle). Of

course this may allow in rare cases for two packets to be sent in the low beacon rate. Perhaps some form of active feedback would be better, but probably a whole lot more complex. Of course, if one wanted to alter the beacon rate of the TNC it would be advantageous for the timer circuit to be programmable for "sleep time" and "enable time."

Perhaps someone has a design for just such a timer circuit.

73,

Mark KC7BXS

From N2ZRC@gnn.com Thu Oct 31 05:19:24 1996
Received: from mail-e2b.gnn.com (mail-e2b.gnn.com [204.148.102.170]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id FAA24215 for <aprssig@tapr.org>; Thu, 31 Oct 1996 05:19:23 -0600 (CST)
Received: from 49-101.client.gnn.com. (49-101.client.gnn.com [205.188.49.101]) by mail-e2b.gnn.com (8.7.1/8.6.9) with SMTP id GAA19053 for <aprssig@tapr.org>; Thu, 31 Oct 1996 06:18:49 -0500 (EST)
Message-Id: <199610311118.GAA19053@mail-e2b.gnn.com>
X-Mailer: GNNmessenger 1.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 31 Oct 1996 06:18:27
From: Arte Booten <N2ZRC@gnn.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:5989] Re: W3IWI-13 DGPS

Hi All,

On Wed, 30 Oct 1996 Mark Humphrey wrote:

>What happens in the log if the number received from a partic-
>ular station exceeds 99?

This happened here in the Tri-state area not long ago when a station hastily started up APRS and left the office, inadvertently setting the beacon rate of his TNC (no computer) at 30 seconds using an effective path of RELAY,WIDE,WIDE (actually, I was the relay, WA2JNF-4 the first WIDE, then a generic WIDE.) Since I heard him directly as well as both of those WIDEs, my "H" list on him reached 99 within about three minutes!

Fortunately I knew which repeater this fellow hangs out on and told him about it. He hightailed it back to the office and changed it that evening. Nonetheless, his beacons were taking up better than 75% of the available bandwidth! Embarrassing! 73

Arte Booten <N2ZRC@gnn.com>
(Packet Radio: N2ZRC@KB2VLX.#BRONX.NY.USA.NA)
[Cruise Missile Coordinates: 40 52.69N / 073 54.06W]

... Sensors say there is nothing at those coordinates ...

From gwyn@paccomm.com Thu Oct 31 05:56:20 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id FAA25113 for <aprssig@tapr.org>; Thu, 31 Oct 1996
05:56:17 -0600 (CST)
Received: from gwyn.paccomm.com by paccomm.com with smtp
(Smail3.1.29.1 #1) id m0vIvjL-000FQLC; Thu, 31 Oct 96 06:56 EST
Received: by gwyn.paccomm.com with Microsoft Mail
id <01BBC6F8.BD0AA0C0@gwyn.paccomm.com>; Thu, 31 Oct 1996 06:57:10 -0500
Message-ID: <01BBC6F8.BD0AA0C0@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: Variable Position Reporting Rate
Date: Thu, 31 Oct 1996 06:57:09 -0500
Encoding: 38 TEXT

Reference Ralph Fowler's suggestion about variable reporting rate and Bob's observation that he can control this, but obviously only if APRS is controlling the beacons. Bob (APR) has made this suggestion to us a number of times.

We have added Ralph's suggestion to our upgrade list. It will get added to the code, but I cannot promise any availability date yet. Will also look at a slow/fast rate toggle line which was suggested in another message.

From: Bob Bruninga[SMTP:bruninga@nadm.navy.mil]
Sent: Wednesday, October 30, 1996 12:48 PM
To: aprssig@tapr.org
Subject: [APRSSIG:6010] Re: Beacon when mobile is stopped QUESTION

On Wed, 30 Oct 1996, ap rs wrote:

> I have suggesed to both Paccomm and Kantronics that the GPS firmware have
> a selectable "speed up or slow down function" that will speed up the
> posrate if the fix appears to be changing (more thannormal SA) and will
> slow down when it seems stopped.
> I also asked Bob to look at something like this in the live APRS program,

APRSDos REPLY/COMMENT: APRS has always had this feature. If your GPS position does not change, then APRS decays the posit. But with the effects of selective availability making even a fixed station appear to move, this doesnt help. Also it means you have to leave the LAPTOP on in the carr all the time if you want APRS do do anything...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

Gwyn Reedy, W1BEL

PacComm Packet Radio Systems
http://www.paccomm.com

From b.gotshall@worldnet.att.net Thu Oct 31 06:00:45 1996
Received: from mtigwc01.worldnet.att.net (ns.worldnet.att.net [204.127.129.1]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA25309 for <aprssig@tapr.org>; Thu, 31 Oct 1996 06:00:43 -0600 (CST)
Received: from LOCALNAME ([207.146.65.71]) by mtigwc01.worldnet.att.net (post.office MTA v2.0 0613) with SMTP id AAA14749 for <aprssig@tapr.org>; Thu, 31 Oct 1996 11:58:33 +0000
Message-ID: <3278BCE0.4651@worldnet.att.net>
Date: Thu, 31 Oct 1996 06:51:12 -0800
From: "B.G. Gotshall" <b.gotshall@worldnet.att.net>
X-Mailer: Mozilla 2.01E (Win16; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6014]
References: <9609308467.AA846723349@ccintnet.wrq.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

dougwe@ccintnet.wrq.com wrote:

>
> Can someone refresh my memory - what's the conversion factor from
> inches to millibars?
>
> Thanks
> Doug
> KC7CO

in Hg x 33.86 = Mb

From jleonard@tbcnet.com Thu Oct 31 06:26:06 1996
Received: from tbc1.tbcnet.com (root@tbc1.tbcnet.com [207.112.224.11]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id GAA26026 for <aprssig@tapr.org>; Thu, 31 Oct 1996 06:26:05 -0600 (CST)
Received: from PR150.tbcnet.com (PR150.tbcnet.com [207.112.227.50]) by tbc1.tbcnet.com (8.7.4/8.7.3) with SMTP id GAA04820 for <aprssig@tapr.org>; Thu, 31 Oct 1996 06:26:04 -0600
X-Authentication-Warning: tbc1.tbcnet.com: Host PR150.tbcnet.com [207.112.227.50] didn't use HELO protocol
Message-Id: <1.5.4.32.19961031122508.006ae3fc@tbcnet.com>
X-Sender: jleonard@tbcnet.com
X-Mailer: Windows Eudora Light Version 1.5.4 (32)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Thu, 31 Oct 1996 06:25:08 -0600
To: aprssig@tapr.org
From: "John B. Leonard, Jr" <jleonard@tbcnet.com>
Subject: Re: [APRSSIG:6028] RE: Maps with county lines only

J Barry Leonard/N9VJQ DeKalb IL E-MAIL: jleonard@tbcnet.com
WWW Home Page <http://tbcnet.com/~jleonard/leonard.htm>
American Red Cross Disaster Services - DeKalb Co Chapter

From aprs@juno.com Thu Oct 31 07:12:31 1996
Received: from x10.boston.juno.com (x10.boston.juno.com [205.231.101.25]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id HAA27732 for <aprssig@tapr.org>; Thu, 31
Oct 1996 07:12:29 -0600 (CST)
Received: (from aprs@juno.com) by x10.boston.juno.com (queuemail)
id IAA22954; Thu, 31 Oct 1996 08:12:17 EST
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6035] Variable Position Reporting Rate
Message-ID: <19961031.092735.12318.0.aprs@juno.com>
References: <01BBC6F8.BD0AA0C0@gwyn.paccomm.com>
X-Mailer: Juno 1.15
X-Juno-Line-Breaks: 0,2-11
From: aprs@juno.com (ap rs)
Date: Thu, 31 Oct 1996 08:12:17 EST

On Thu, 31 Oct 1996 05:59:40 -0600 (CST) Gwyn Reedy <gwyn@paccomm.com>
writes:

>We have added Ralph's suggestion to our upgrade list. It will get
>added to
>the code, but I cannot promise any availability date yet.

Thanks, Gwyn. Always a joy when a manufacturer listens... and acts!

ralph
rwf@mindspring.com

From gwyn@paccomm.com Thu Oct 31 07:35:18 1996
Received: from paccomm.com (paccomm.com [163.125.30.1]) by tapr.org
(8.7.5/8.7.3/1.9) with SMTP id HAA28539 for <aprssig@tapr.org>; Thu, 31 Oct 1996
07:34:54 -0600 (CST)
Received: from gwyn.paccomm.com by paccomm.com with smtp
(Smail3.1.29.1 #1) id m0vIxGi-000FSBC; Thu, 31 Oct 96 08:34 EST
Received: by gwyn.paccomm.com with Microsoft Mail
id <01BBC706.8309A840@gwyn.paccomm.com>; Thu, 31 Oct 1996 08:35:46 -0500
Message-ID: <01BBC706.8309A840@gwyn.paccomm.com>
From: Gwyn Reedy <gwyn@paccomm.com>
To: "'aprssig@tapr.org'" <aprssig@tapr.org>
Subject: RE: [APRSSIG:6033] Re: Beacon when mobile is stopped
Date: Thu, 31 Oct 1996 08:35:44 -0500
Encoding: 30 TEXT, 51 UUENCODE
X-MS-Attachment: WINMAIL.DAT 0 00-00-1980 00:00

On Wednesday, October 30, 1996 10:11 PM, Mark
Fellhauer[SMTP:sparkfel@primenet.com] wrote:
>The easiest solution would be a firmware upgrade from TNC makers, but my
>personal experience with most of them has been negative, when asking
>technical questions or trying to offer suggestions. I've found that calls
>to Kantronics result in finding out that I know more about their product

>than the people answering the phone. And they won't let me talk to any
one
>in the design and engineering dept. AEA ditto.

Not all manufacturers are that way. Call me sometime!

We are already researching methods to provide this feature in our GPS
support functions.

>Varying beacons based on
>movement of the vehicle as parsed by GPS should account for SA. Often
times
>my GPS will give ground speeds of 2 to 3 MPH when the car is sitting
still.

That is correct. It may be rather software intensive to filter out all
non-real motion, but probably some 90 or 95% could realistically be
detected.

Gwyn Reedy, W1BEL
PacComm Packet Radio Systems
<http://www.paccomm.com>

```
begin 600 WINMAIL.DAT
M>)\^(BX-'0:0" '$''''''''!''$''0>0!@('''Y 0''''''''#H''$-@ 0`
M'@''''(''@'!!) &''P!''''!''''# ''''',''# #''''P`/#@''''''''`?\/
M'0''''#\'''''''''@2L?I+ZC$!F=;@#='0]4`@''''!A<')S<VEG0'1A<'(N
M;W)G`%--5% `87!R<W-I9T!T87!R+F]R9P''@", $''''%''''4TU44 ``
M''>`,`P'0''!$''!A<')S<VEG0'1A<'(N;W)G''''',%0P!''''P#^
M#P8''''>`$P'0''!,``G87!R<W-I9T!T87!R+F]R9R<``(!"S !''''
M%@``%--5% Z05!24U-)1T!405!2+D]21P''''',`#D''''''P! .@$''''''
M'?8/'0''''0''''''''#S$RX!"('!'@''')4$TN36EC<F]S;V9T($UA:6PN
M3F]T90`Q" $$@ $'-0''')%.B!;05!24U-)1SHV,#,S72!293H@0F5A8V]N
M('=H96X@;6]B:6QE(&ES('T;W!P960`QA !!8 #`X`''#;!PH`'P`('",`
M+ ` $`%<!`2" `P'.````S <*<!\`" `?`,`! `J'0$)@$`('0`'$0X-3DV
MOD%#.#4S,D0P,3$X,$0T,# T,# U,CE`0T0W`('`0.0!@!(!@`'$@`''L`
M(P''''''P`F'''''''+`"D''''''',`-@''''''0 `Y`$ BTVHPQ[L!`@!P
M`'$''''U''''4D4Z(%M!4%)34TE'.C8P,S-=(%)E.B!"96%C;VX@=VAE;B!M
M;V)I;&4@:7,@<W10<`!E9 ''''''''7$`'0`''!8`''!N\<P:LNL:UG9,H41
MT(#4`$ %*;S7`''>`!X,'0`''4`''!33510`''''!X`'PP!''''$0`''&=W
M>6Y <&%C8V]M;2YC;VT''''''P`&$,;V_(<#`'<04P,'`!X`"! !''''90`
M`$].5T5$3D531$%9+$]#5$]"15(S,"PQ.3DV,3 Z,3%032Q-05)+1D5,3$A!
M54524TU44#I34$%22T9%3$!04DE-14Y%5$-/35=23U1%.E1(145!4TE%4U13
M3TQ55$E/3E=/54P''''''@)$ $`''''P! ``K 0`''X('!',6D9U%LC!]?\'
M"@$/`A4`J 7K`H,'4 +R`0('8V@*P'-E=#(W!@`&PP*#,@/%`@!P<D)Q$>)S
M=&5M`H,SMP+D!Q,"@S02S!3(-1+,V0_?9C8#QA3(-Q$%Y^M$)0X$L<1=3 4
MMGT*@(L(SPG9.QZ?,C4U'[_P93$R.* "H$-L0M@8&YG,3 S%% +`VQX:3,V
M#? +515B# %CJ0! ($\#H%<)&@X'D!!D87DL)2!C=&\B8@20(#,P)? Q.40Y
M-B; ,#H(Q)1!0"DTE\T*P&L@1F4,;&P1@ I0<EM339!44#IS"K%K9B@3D 3
M4 =Q)9!T+@6@;5A=('<#8!/0.@J$/G\+1A;R),,2L!-0*I$F("# 5&AE(&5A
M`) 'D,4%0',&\`5T:0(@*F 1"&!L9" F4"!A(&!F:7)M=PK +1!U>G )P&$-
```

ML"[@`V\$LX\$Y40R `P&L\$D',E\&+;+> P@`D*A"0/,2L_+\$G><##!`B '0"T@
M>#2Q")! ,;F,M\$ /P=&@P@&^Q+8%09B V\$!/@(!& EP0@)E)\" ED&=A+?!T
M=F4E\`<M'`.@+4!K?0N 9S%_,H\SGS:P!9!H]0,`8S41<0I0\$\ N`00@L06Q
M=')Y.,\$VL&\V@4,I4 7 <W5G9SSU+G @(\$DG. `NX A@;I<N@#80-] @/)%L
M<SC_]SH/.Q\^`DL`<#V@`B \@/<\$(!Z@/J!L!4 +@[A0 `//=((8#P10\$))
M(&MNOF\`X 1@+U\$!H\$8492\`S2@`V!D=28@0-]![T+_ [T B`Z VP32A;PM0
M+K\$`@*YW!G\$]XDPR: (@93)1DD% `V5Y+C%N)P5 [TR@,3\$M\$ &0;"?P/A\$`
M</].H\$W12))]KTJ_15),(@VPW0"09SAQ0 \$)\&<+@ G@STTC#; %, \$X"14%4
M(#8`?R8P/U%0A@L9)(@*A J%3H\JD"[*# P@6YU9@#0?G0(<##!+L 044 S
M+S!Y_3]00UFS+1 ML > +? '@/XA6*LE8%K#T >H"_ 3J![1/\$M,'(1<#W2
M7%%-P&3G!" ^\$2QQ=FDOT380! `?+N M,%IB15((82!'4/,%#Z@<' >02[@
M/_ F(+_ \$PJ%5LLCOU&04K]6"L#0/<,F4 #0/3)B+4)@%!!_V206)5ESRQ)
M!& X`"G!-G;V(#@`70!C3*(\$ (JQ:*+^8DZ@8;--P"YB`- %H#_PTV)1!;%3
M03]13P& -W'_7') SV5/:Q\Q,F&C`_!9P?]5`#^A"< _XRD`">!?D3:1RQ'@
M/A\$S!=!02#0T3"+_/_) %P&"1`) "0#W2/0\$H,/XN<6\`4"QU5M]I;P7 +/_
M0%#@D06A'J F(#]023\$Q0R70+I(OL#;!/H\$VD'00,_\+@'!Q`) _H3X1+0!%
M,"9AYT826;)&T&XM7B%9T2J0?RX!/,0L<6B `F!.H%PR(,8Y'3 %L3DU)7U!
M+F+_@8(\$`"WP0()^,PVP+*()@#]C!88?"R@<(@'08:!W>0T#H%)UX27A5S%"
M1=I,"J-0`- (4&TP,(GQ^S"P!4!2+\ N`!.5\$R *LH)H`D!P.B\0=XQPOBX*
ML&]1BD J\$EC\$?8W0`P`0\$ `````#`!\$0````\$ `!S#0"S#+\>[`4 ```#`#@
=0"S#+\>[`1X`/0`!````!0```%)%.B `````]_0`
,

end

From z008876b@bcfreenet.seflin.lib.fl.us Thu Oct 31 08:39:50 1996
Received: from bcfreenet.seflin.lib.fl.us (z008876b@bcfreenet.seflin.lib.fl.us
[199.227.192.20]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA00754 for
<aprssig@tapr.org>; Thu, 31 Oct 1996 08:39:49 -0600 (CST)
Received: (from z008876b@localhost) by bcfreenet.seflin.lib.fl.us (8.6.12/8.6.12)
id JAA01496; Thu, 31 Oct 1996 09:39:18 -0500
Date: Thu, 31 Oct 1996 09:39:18 -0500 (EST)
From: Todd Erickson <z008876b@bcfreenet.seflin.lib.fl.us>
Subject: Re: [APRSSIG:6033] Re: Beacon when mobile is stopped
To: aprssig@tapr.org
cc: aprssig@tapr.org
In-Reply-To: <1.5.4.16.19961031020735.29571fb8@mailhost.primenet.com>
Message-ID: <Pine.3.89.9610310950.B27719-01000000@bcfreenet.seflin.lib.fl.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What is the feasibility of handling this problem via the tnc? Is it possible to read the prom in the tnc and write a small routine that could handle this and then burn a new prom? This is provided there is a free IO line that could be used for sensing the vehicle's status.

KA4RTK

Todd Erickson
z008876b@bcfreenet.seflin.lib.fl.us

From jratchf@bulldog.afsc.k12.ar.us Thu Oct 31 08:46:12 1996

Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA00877 for <aprssig@tapr.org>; Thu, 31 Oct 1996 08:46:09 -0600 (CST)

Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id IAA24604; Thu, 31 Oct 1996 08:45:46 -0600

Date: Thu, 31 Oct 1996 08:45:46 -0600 (CST)

From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>

To: aprssig@tapr.org

cc: aprssig@tapr.org

Subject: Re: [APRSSIG:5986] Re: Beacon when mobile is stopped QUESTION

In-Reply-To: <327765CD.3F45@imperium.net>

Message-ID: <Pine.LNX.3.91.961031083922.24534A-100000@bulldog.afsc.k12.ar.us>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I too have the Garmin 55 AVD GPS. I use the DOS version for two reasons. One it is from the original author and is regularly updated and Two it works well with my Agrelp DFjr Doppler DF.

Don't get me wrong, the Sproul Bros are doing an excellent job porting over APRS to Mac and Win. But they are yet to be proven as DOS APRS. I'm just one of the original DOS men I guess. nuff sayd....

For you info my setup is a 486 laptop, KPC-3, Garmin 55 AVD, DFjr ADF, MFJ DataRadio, two turtle doves and a antenna in a tree!!!!

On Wed, 30 Oct 1996, Paul W. Burke wrote:

> > KB6LFM here.

> >

> > I've wired my APRS system so the GPS (Garmin-45) and TNC (KPC-3) are
> > "ON" at all times, and the "Rig" comes on and off with the Ignition. This
seemed like a good place to ask this:

>

> I am interested in APRS and have a Garmin 55 GPS that I utilize for flying.

> I have a KPC-3 that I use for mobile and updated the prom last year to support
GPS operation.

>

> My question is what software is recommended. I downloaded several softwares last
night including one for dos

> and one for windows. My new laptop has win95.

>

> This SIG seems to be very active and that is great.

>

> If there is a setup FAQ for my configuration that would be great too.

>

> Thanks,

>

> Paul W. Burke

> KB8VAS

> pwburke@imperium.net

>

From bruninga@nadm.navy.mil Thu Oct 31 08:50:06 1996
Received: from arctic.nadm.navy.mil (arctic.nadm.navy.mil [131.121.8.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA01141 for <aprssig@tapr.org>; Thu, 31 Oct 1996 08:50:04 -0600 (CST)
Received: from localhost (bruninga@localhost) by arctic.nadm.navy.mil (8.7.5/8.7.3) with SMTP id JAA00158 for <aprssig@tapr.org>; Thu, 31 Oct 1996 09:55:12 -0500 (EST)
X-Authentication-Warning: arctic.nadm.navy.mil: bruninga owned process doing -bs
Date: Thu, 31 Oct 1996 09:55:11 -0500 (EST)
From: Bob Bruninga <bruninga@nadm.navy.mil>
X-Sender: bruninga@arctic
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6031] Re: Football tracking 96
In-Reply-To: <199610310500.AAA09160@bridge.net>
Message-ID: <Pine.GS0.3.95.961031095455.27889B-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 30 Oct 1996, Steve Dimse wrote:

> >APRSdos REPLY/COMMENT: There you have it. The APRS football tracking
> >exercise will begin at noon on Friday the 6th and run all night to cease
> >at 7 AM on the 7th... in Philadelphia.
> >
> Will your javAPRS site be able to follow this live?

APRSdos REPLY/COMMENT: Certainly should...

Reply mail addr: wb4apr@amsat.org
See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

From wclement@the-hermes.net Thu Oct 31 08:59:46 1996
Received: from seeker (root@seeker.the-hermes.net [205.177.6.2]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id IAA01337 for <aprssig@tapr.org>; Thu, 31 Oct 1996 08:59:45 -0600 (CST)
Received: from wclement-ppp (athena-24.the-hermes.net [205.177.6.54]) by seeker (8.6.12/8.6.12) with SMTP id JAA04431 for <aprssig@tapr.org>; Wed, 30 Oct 1996 09:58:12 -0500
Posted-Date: Wed, 30 Oct 1996 09:58:12 -0500
Message-ID: <3278BEDC.1FC8@the-hermes.net>
Date: Thu, 31 Oct 1996 09:59:40 -0500
From: "Dr. William I. Clement" <wclement@the-hermes.net>
Organization: Clement Engineering, Inc.
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6018] Re: Beacon when mobile is stopped QUESTIO
References: <9609308467.AA846728803@CCGATE.HAC.COM>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ttyamada@CCGATE.HAC.COM wrote:

>
>
> Maybe this could be built into the MIC, or maybe this could
> be another PIC project?
>
> How about:
> 1) Sense the distance traveled from the GPS string
> 2) Define a *trigger* amount/distance larger than SA
> 3) If the distance traveled is larger than *trigger*,
> Then post the data at rates according to amount of distance
> from last transmission point or velocity.
> 4) Use the Ignition to run/halt the transmission by a
> sensing line or just killing power?
>
> Just some ideas.....
> 73, Ted...

Fairly straightforward. 0.1 minute of latitude is 185 meters.
Similarly
for longitude near the equator. If lat or lon changes by 0.1 min.,
posit
rate is maintained. Otherwise it is slowed. This approach does not
allow
one to set a "trigger", but would handle the problem as originally
mentioned.

Will, N3XLM

```
|=====|
| Dr. William I. Clement, President |
| Clement Engineering, Inc.         |
| 1261 Dogwood Road, Arnold, MD 21012-2220 |
| (office) 410.518.6591 / (sales) 410.268.6736 |
| (FAX) 410.268.4612                |
| mailto:wclement@the-hermes.net    |
| http://home.navisoft.com/agrelo/clement.htm |
|=====|
```

From n4ldg@juno.com Thu Oct 31 09:33:15 1996
Received: from x7.boston.juno.com (x7.boston.juno.com [205.231.100.24]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA02961 for <aprssig@tapr.org>; Thu, 31
Oct 1996 09:33:13 -0600 (CST)
Received: (from n4ldg@juno.com) by x7.boston.juno.com (queuemail)
id JAA12602; Thu, 31 Oct 1996 09:50:03 EST
To: aprssig@tapr.org
Date: Thu, 31 Oct 1996 09:41:11 PST
Subject: Re: w7lus-14 HF equip
Message-ID: <19961031.094327.14206.0.N4LDG@juno.com>
References: <4021@indygate.ampr.org>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 1-7,14-21

From: n4ldg@juno.com (Louis A Cruz)

On Wed, 30 Oct 1996 15:38:22 -0600 (CST) n9flx@indygate.kb9law.ampr.org writes:

>I have copied W7LUS-14 APRS signals from almost every state in the
>Union, via his, I assume, 18-wheeler.
>Am very curious to know the type of radio equipment he is using that
>keep him in contact with virtually the rest of the world in sometimes
>remote parts of the country via HF packet.

I can't speak for W7LUS, but he's probably using a Kenwood TS-50S, or something as compact as the TS-50 HF rig. I use the same rig in a Cessna 337 Skymaster, with an AT-300 auto-antenna tuner. The rig works great, and many lives have been saved using the TS-50 while flying SAR over the Florida Straits. The TS-50 is slightly larger in size than a 2 meter mobile. W7LUS's 18 wheeler... well I suppose you can use something somewhat larger.
Take care Hal.

73 - Louis, N4LDG

n4ldg@juno.com home
lacruz@bop.gov work
n4ldg@kp4edl Packet radio

From pwburke@imperium.net Thu Oct 31 09:36:40 1996
Received: from rex.imperium.net (rex.imperium.net [206.26.98.2]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id JAA03164 for <aprssig@tapr.org>; Thu, 31 Oct 1996 09:36:38 -0600 (CST)
Received: Thu, 31 Oct 1996 10:37:58 -0500 (EST) from home by rex.imperium.net (8.7.4/Imperium Internet)
Message-ID: <3278C780.2E1C@imperium.net>
Date: Thu, 31 Oct 1996 10:36:32 -0500
From: "Paul W. Burke" <pwburke@imperium.net>
X-Mailer: Mozilla 2.02Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6041] Re: Beacon when mobile is stopped QUESTION
References: <Pine.LNX.3.91.961031083922.24534A-100000@bulldog.afsc.k12.ar.us>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

J. Scott Ratchford wrote:

>
> I too have the Garmin 55 AVD GPS. I use the DOS version for two reasons.
> One it is from the original author and is regularly updated and Two it
> works well with my Agrelp DFjr Doppler DF.
>
> Don't get me wrong, the Sproul Bros are doing an excelent job porting
> over APRS to Mac and Win. But they are yet to be proven as DOS APRS. I'm
> just one of the original DOS men I guess. nuff sayd....
>
> For you info my setup is a 486 laptop, KPC-3, Garmin 55 AVD, DFjr ADF,

> MFJ DataRadio, two turtle doves and a antenna in a tree!!!!

What did you do for connections. I only have one serial port on my laptop. Sounds like we have simailar configurations. Also what is the DF device you mentioned.

Thanks again for your response.

Paul W. Burke
KB8VAS
pwburke@imperium.net

From np2ij@flinet.com Thu Oct 31 11:26:48 1996
Received: from shell.flinet.com (root@shell.flinet.com [205.216.85.4]) by tapr.org (8.7.5/8.7.3/1.9) with ESMTP id LAA07283 for <aprssig@tapr.org>; Thu, 31 Oct 1996 11:26:47 -0600 (CST)
Received: from np2ij.flinet.com (wpb325.flinet.com [207.49.147.81]) by shell.flinet.com (8.8.2/8.6.9) with SMTP id MAA26718 for <aprssig@tapr.org>; Thu, 31 Oct 1996 12:26:47 -0500 (EST)
Message-ID: <3278E181.3B6E@flinet.com>
Date: Thu, 31 Oct 1996 12:27:29 -0500
From: Derick Anness <np2ij@flinet.com>
Reply-To: np2ij@flinet.com
Organization: Planet Earth School of Life
X-Mailer: Mozilla 3.0Gold (Win95; I)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: w7lus-14 HF equip
References: <19961031.094327.14206.0.N4LDG@juno.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What equipment does Peter(W7LUS) USE??

Go to N2CZF's APRS page <http://www.magg.net/~n2czf/aprs.html> see his pictures of the W7LUS-14 rig..73.

--

I think we're all Bozos on this bus!

Derick Anness, NP2IJ
Jupiter Farms, Fl.
np2ij@flinet.com
<http://www.flinet.com/~np2ij>

From sproul@ap.org Thu Oct 31 13:09:35 1996
Received: from janus.ap.org (eos.ap.org [165.1.6.1]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id NAA10829 for <aprssig@tapr.org>; Thu, 31 Oct 1996 13:09:33 -0600 (CST)
Received: from [165.1.27.171] by janus.ap.org (SMI-8.6/SMI-SVR4) id OAA03585; Thu, 31 Oct 1996 14:03:41 -0500
X-Sender: sproul@165.1.6.1
Message-Id: <v0300780bae9ea2cad46d@[165.1.27.171]>
In-Reply-To: <3278C780.2E1C@imperium.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Date: Thu, 31 Oct 1996 13:49:21 -0500
To: aprssig@tapr.org
From: Mark Sproul <sproul@ap.org>
Subject: Re: [APRSSIG:6045] Re: Beacon when mobile is stopped QUESTION

>J. Scott Ratchford wrote:
>>

>> Don't get me wrong, the Sproul Bros are doing an excelent job porting
>> over APRS to Mac and Win. But they are yet to be proven as DOS APRS. I'm
>> just one of the original DOS men I guess. nuff sayd....
>>

Please understand the following. WE ARE NOT AND HAVE NOT ported APRS to Mac and Windows, we wrote our version ENTIRELY from scratch implementing the APRS ideas and protocols. The Windows version IS a port of our Mac version.

To the best of my knowledge, the only important feature that APRS has that we do not yet have is alternate digi-paths. HSP took much longer than I planned but that is now fully working.

Mark Sproul

| | |
|---|-----------------------|
| Mark Sproul | Amateur Radio: KB2ICI |
| Software Engineer @ Assoc Press | |
| sproul@ap.org | Work: 609-860-7120 |
| North Brunswick, NJ | Fax: 609-860-7129 |
| http://msproul.rutgers.edu/ | |

From jratchf@bulldog.afsc.k12.ar.us Thu Oct 31 15:08:27 1996
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA15392 for <aprssig@tapr.org>; Thu, 31 Oct 1996 15:08:23 -0600 (CST)
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id PAA30658; Thu, 31 Oct 1996 15:08:14 -0600
Date: Thu, 31 Oct 1996 15:08:14 -0600 (CST)
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:6045] Re: Beacon when mobile is stopped QUESTION
In-Reply-To: <3278C780.2E1C@imperium.net>
Message-ID: <Pine.LNX.3.91.961031150321.30462A-100000@bulldog.afsc.k12.ar.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The DF device I mentioned is a Doppler Direction Finder sold by Agrelo Engineering. Joe Agrelo is on this newgroup. Anyhoo, they also sell a Multi Port Adapter. This little jewel combines all the components (TNC,

GPS, DFjr) into a single serial port. I too only have a single serial port. I tell ya it works great! However, if you do not wish to purchase the MPA or the DFjr, there is a switching adapter that you can build. It is in the GPS.txt file in the Readme Directory (DOS version) I think. There you will find the scematic for the device. I built one and it worked right the first time. Your choice!

Have Fun!!!!

On Thu, 31 Oct 1996, Paul W. Burke wrote:

```
> J. Scott Ratchford wrote:
> >
> > I too have the Garmin 55 AVD GPS. I use the DOS version for two reasons.
> > One it is from the original author and is regularly updated and Two it
> > works well with my Agrelp DFjr Doppler DF.
> >
> > Don't get me wrong, the Sproul Bros are doing an excelent job porting
> > over APRS to Mac and Win. But they are yet to be proven as DOS APRS. I'm
> > just one of the original DOS men I guess. .... nuff sayd....
> >
> > For you info my setup is a 486 laptop, KPC-3, Garmin 55 AVD, DFjr ADF,
> > MFJ DataRadio, two turtle doves and a antenna in a tree!!!!
>
> What did you do for connections. I only have one serial port on my
> laptop. Sounds like we have simailar configurations. Also what is the DF
> device you mentioned.
>
> Thanks again for your response.
>
> Paul W. Burke
> KB8VAS
> pwburke@imperium.net
>
```

From jratchf@bulldog.afsc.k12.ar.us Thu Oct 31 15:27:07 1996
Received: from bulldog.afsc.k12.ar.us (jratchf@[170.211.157.174]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA15861 for <aprssig@tapr.org>; Thu, 31 Oct 1996 15:27:02 -0600 (CST)
Received: (from jratchf@localhost) by bulldog.afsc.k12.ar.us (8.6.11/8.6.9) id PAA30839; Thu, 31 Oct 1996 15:26:51 -0600
Date: Thu, 31 Oct 1996 15:26:51 -0600 (CST)
From: "J. Scott Ratchford" <jratchf@bulldog.afsc.k12.ar.us>
To: aprssig@tapr.org
cc: aprssig@tapr.org
Subject: Re: [APRSSIG:6047] Re: Beacon when mobile is stopped QUESTION
In-Reply-To: <v0300780bae9ea2cad46d@[165.1.27.171]>
Message-ID: <Pine.LNX.3.91.961031152442.30462C-100000@bulldog.afsc.k12.ar.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My mistake! I guess that was the wrong word to use, huh? Take out "porting over APRS to" and insert "writting new versoins of APRS for".

73's

On Thu, 31 Oct 1996, Mark Sproul wrote:

```
> >J. Scott Ratchford wrote:
> >>
>
> >> Don't get me wrong, the Sproul Bros are doing an excelent job porting
> >> over APRS to Mac and Win. But they are yet to be proven as DOS APRS. I'm
> >> just one of the original DOS men I guess. .... nuff sayd....
> >>
>
> Please understand the following. WE ARE NOT AND HAVE NOT ported APRS to Mac
> and Windows, we wrote our version ENTIRELY from scratch implementing the
> APRS ideas and protocols. The Windows version IS a port of our Mac version.
>
> To the best of my knowledge, the only important feature that APRS has that
> we do not yet have is alternate digi-paths. HSP took much longer than I
> planned but that is now fully working.
>
>
> Mark Sproul
>
>
> -----
> Mark Sproul |Amateur Radio: KB2ICI
> Software Engineer @ Assoc Press |
> sproul@ap.org |Work: 609-860-7120
> North Brunswick, NJ |Fax: 609-860-7129
> http://msproul.rutgers.edu/
> -----
>
>
>
```

From james-m@ix.netcom.com Thu Oct 31 15:28:17 1996
Received: from dfw-ix9.ix.netcom.com (dfw-ix9.ix.netcom.com [206.214.98.9]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA15884 for <aprssig@tapr.org>; Thu, 31
Oct 1996 15:28:16 -0600 (CST)
Received: from #james-m (sav-ga6-06.ix.netcom.com [206.217.118.70]) by dfw-
ix9.ix.netcom.com (8.6.13/8.6.12) with ESMTP id NAA12363 for <aprssig@tapr.org>;
Thu, 31 Oct 1996 13:27:43 -0800
Message-Id: <199610312127.NAA12363@dfw-ix9.ix.netcom.com>
From: "Don Murray" <james-m@ix.netcom.com>
To: <aprssig@tapr.org>
Subject: Re: [APRSSIG:6006] Re: 30m "hits" on the Left Coast
Date: Thu, 31 Oct 1996 16:22:22 -0500
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Well I have enjoyed seeing it show up on my map here in Savannah Georgia
for the last two nites. grin

> From: Bob Bruninga <bruninga@nadn.navy.mil>
> To: aprssig@tapr.org
> Subject: [APRSSIG:6006] Re: 30m "hits" on the Left Coast
> Date: Wednesday, October 30, 1996 6:29 PM
>
> On Tue, 29 Oct 1996, kb6lfm wrote:
>
> > Had a very interesting morning. At 06:30 PST. I had a total of 17
> > states on screen on APRS. Thats the highest I've seen to date. Curious
> > as to "who" is the Maritime Mobil "YP694"..? had a couple of solid hits
> > directly on 30m.
>
> APRSdos REPLY/COMMENT: My fault. It is a naval academy boat. I was
> giving a demo to some students and tuned in 10151. Put my call in the
> BText. THEN we walked over to an adjacent boat to get it up for some
> keyboard chats across the pier, and when I sent the students back to the
> first boat IT WAS GONE! It had gotten underway!
>
> It gets back Friday... We will beeing doing a full class demo to about
17
> students at about 1430 EST on Friday..
>
> Reply mail addr: wb4apr@amsat.org
> See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>
>

From clark@tomcat.gsfc.nasa.gov Thu Oct 31 15:55:24 1996
Received: from tomcat.gsfc.nasa.gov (tomcat.gsfc.nasa.gov [128.183.10.100]) by
tapr.org (8.7.5/8.7.3/1.9) with SMTP id PAA16963 for <aprssig@tapr.org>; Thu, 31
Oct 1996 15:55:22 -0600 (CST)
From: clark@tomcat.gsfc.nasa.gov
Received: by tomcat.gsfc.nasa.gov (920411 (KA9Q+W3IWI))
id AA2694 ; Thu, 31 Oct 96 21:35:06 UTC
Date: Thu, 31 Oct 96 21:35:06 UTC
Message-Id: <2695@tomcat.gsfc.nasa.gov>
To: aprssig@tapr.org
Cc: aprssig@tapr.org
Subject: Re: [APRSSIG:6032] MIR/MAREX - more
In-Reply-To: your message of Thu, 31 Oct 1996 00:59:57 -0600 (CST).
<19961030.215908.4543.1.W4WWQ@juno.com>

W4WWQ's reposting of Buck (K4ABT)'s message said "... APRS guys know that
if/when a 30 kHz >>WIDE<< (emphasis mine) goes on 145.800 ...".
It is not that the signal is 30 kHz WIDE! My understanding is that the

signal is "conventional FM practice" bandwidth. I'm sure that the original posting included an allowance for Doppler shift + frequency errors + guard bands.

Also note that the overall problem is an international one. Remember that in MOST of the world, the 2M band is only 2 MHz wide (144-146); we in Region 2 have the "luxury" of a 4 MHz band and this "elbow room" has tended to make us less tolerant of frequency sharing.

I take some credit/blame for the choice/use of 145.79. When the 145.5 to 145.8 spectrum was "opened up" for digital use about 5 years ago, here in the MD/DC/VA area we chose to "allocate" 20 kHz spacing channels on the odd 10 kHz frequencies. I argued voiciferously that the "top" 145.79 channel would have future problems being immediately adjacent to the 145.8-146.0 international satellite allocation. In the local band-plan, I put 145.79 on the list as "experimental" "for the development of new techniques" "use it with caution" type of notes. The other 145.5 - 145.8 frequencies were gobbled up for PBBS, local chat, and DX Cluster applications. Bob (APR) was beginning the development of APRS as a "wouldn't this be really neat" experiment. I suggested that 145.79 would be a suitable "test bed" for him to use, while offering the comment that there may well be satellite QRM problems. In the subsequent years, 145.79/APRS lost their "experimental" virginity and spread like wildfire. So the "problem" is not a "new" one. Nobody should be surprised and nobody show do around decrying the fact that all of amateur radio relies on shared resources.

73 de Tom, W3IWI

From paul@tech.cyclades.com Thu Oct 31 16:05:18 1996
Received: from tech.cyclades.com (root@tech.cyclades.com [208.138.19.34]) by tapr.org (8.7.5/8.7.3/1.9) with SMTP id QAA17479 for <aprssig@tapr.org>; Thu, 31 Oct 1996 16:05:17 -0600 (CST)
Received: from localhost by tech.cyclades.com
with smtp id m0vJ5Eh-0006PvC
(Debian /\oo/\ Smail3.1.29.1 #29.37); Thu, 31 Oct 96 14:05 PST
Date: Thu, 31 Oct 1996 14:05:15 -0800 (PST)
From: Paul Christenson <paul@tech.cyclades.com>
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6014]
In-Reply-To: <9609308467.AA846723349@ccintnet.wrq.com>
Message-ID: <Pine.LNX.3.95.961031140347.7415B-100000@tech.cyclades.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 30 Oct 1996 dougwe@ccintnet.wrq.com wrote:

> Can someone refresh my memory - what's the conversion factor from
> inches to millibars?

According to my HP48, 1 in Hg = 33.86E-3 bar (33.86 millibar).

+-----+
| Technical Support Engineer, Cyclades Corporation |

| 800/88-CYCLADES (882-9252) or (510)770-9727, x258 |
| High Performance Multiport Serial Cards & Routers |
| Unsolicited mail ads subject to a \$25 handling fee |
+-----+

From fclarke@erols.com Thu Oct 31 19:01:15 1996
Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA22564 for <aprssig@tapr.org>; Thu, 31
Oct 1996 19:01:11 -0600 (CST)
Received: from LOCALNAME (lxp-as1s01.erols.com [207.96.9.1]) by smtp2.erols.com
(8.7.5/8.7.3) with SMTP id UAA01347 for <aprssig@tapr.org>; Thu, 31 Oct 1996
20:01:07 -0500 (EST)
Message-ID: <327982B7.9B7@erols.com>
Date: Thu, 31 Oct 1996 20:55:19 -0800
From: Tom Clarke <fclarke@erols.com>
X-Mailer: Mozilla 2.01KIT (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6014]
References: <9609308467.AA846723349@ccintnet.wrq.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

dougwe@ccintnet.wrq.com wrote:

>
> Can someone refresh my memory - what's the conversion factor from
> inches to millibars?
>
> Thanks
> Doug
> KC7C0Sure, multiply inches times 33.86 for millibars (the politically
correct
unit is now Micropascal!)

73 de Tom W40KW, Herk driver

From fclarke@erols.com Thu Oct 31 19:03:52 1996
Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA22927 for <aprssig@tapr.org>; Thu, 31
Oct 1996 19:03:45 -0600 (CST)
Received: from LOCALNAME (lxp-as1s01.erols.com [207.96.9.1]) by smtp2.erols.com
(8.7.5/8.7.3) with SMTP id UAA01672 for <aprssig@tapr.org>; Thu, 31 Oct 1996
20:03:43 -0500 (EST)
Message-ID: <3279836C.3F0D@erols.com>
Date: Thu, 31 Oct 1996 20:58:20 -0800
From: Tom Clarke <fclarke@erols.com>
X-Mailer: Mozilla 2.01KIT (Win16; U)
MIME-Version: 1.0
To: aprssig@tapr.org
Subject: Re: [APRSSIG:6016] Re: 30m "hits" on the Left Coast
References: <3277FA35.F89@ix.netcom.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

kb6lfm wrote:

>

> Bob Bruninga wrote:

> >

> > On Tue, 29 Oct 1996, kb6lfm wrote:

> >

> > > Had a very interesting morning. At 06:30 PST. I had a total of 17
> > > states on screen on APRS. Thats the highest I've seen to date. Curious
> > > as to "who" is the Maritime Mobil "YP694"..? had a couple of solid hits
> > > directly on 30m.

> >

> > APRSdos REPLY/COMMENT: My fault. It is a naval academy boat. I was
> > giving a demo to some students and tuned in 10151. Put my call in the
> > BText. THEN we walked over to an adjacent boat to get it up for some
> > keyboard chats across the pier, and when I sent the students back to the
> > first boat IT WAS GONE! It had gotten underway!

> >

> > It gets back Friday... We will beeing doing a full class demo to about 17
> > students at about 1430 EST on Friday..

> >

> > Reply mail addr: wb4apr@amsat.org

> > See APRS LIVE: <http://web.usna.navy.mil/~bruninga/aprs.html>

>

> APRSdos REPLY/COMMENT: Believe "Missing Ships Movement" is still a

> Courtmartial offence CMDR! Hi...!

> I'll be looking for UR demo on Fri at 14:30 EST.

>

> 73 de Bill KB6LFM Had me worried Bob, I relayed a couple of posits from the
Yippies last

summer and thought they got caught in a time warp. Beat ARMY!

73 de Tom W40KW (USN ret)

From fclarke@erols.com Thu Oct 31 19:24:39 1996

Received: from smtp2.erols.com (root@smtp2.erols.com [205.252.116.102]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id TAA23460 for <aprssig@tapr.org>; Thu, 31
Oct 1996 19:24:35 -0600 (CST)

Received: from LOCALNAME (lxp-as1s01.erols.com [207.96.9.1]) by smtp2.erols.com
(8.7.5/8.7.3) with SMTP id UAA04424 for <aprssig@tapr.org>; Thu, 31 Oct 1996
20:24:32 -0500 (EST)

Message-ID: <3279884D.CCF@erols.com>

Date: Thu, 31 Oct 1996 21:19:09 -0800

From: Tom Clarke <fclarke@erols.com>

X-Mailer: Mozilla 2.01KIT (Win16; U)

MIME-Version: 1.0

To: aprssig@tapr.org

Subject: Re: [APRSSIG:6014]

References: <9609308467.AA846723349@ccintnet.wrq.com>

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

dougwe@ccintnet.wrq.com wrote:

>

> Can someone refresh my memory - what's the conversion factor from

> inches to millibars?
>
> Thanks
> Doug
> KC7COMultiply inches of mercury time 33.86 to obtain millibars. Good
old gouge from flying in Europe and getting QNH in millibars. The
politically correct unit of measurement is now MicroPascals !! Blah!
Next thing you know our altimeters will read in Meters!!
Have fun
Tom, W40KW
(Hercules, Convair 880, Orion and sometimes KingAir Pilot)

From kf4xh@juno.com Thu Oct 31 22:57:27 1996
Received: from x16.boston.juno.com (x16.boston.juno.com [205.231.101.28]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id WAA29403 for <aprssig@tapr.org>; Thu, 31
Oct 1996 22:57:25 -0600 (CST)
Received: (from kf4xh@juno.com) by x16.boston.juno.com (queuemail)
id XAA06408; Thu, 31 Oct 1996 23:57:23 EST
To: aprssig@tapr.org
Date: Fri, 1 Nov 1996 00:58:34 PST
Subject: listserv@tapr.org
Message-ID: <19961101.005845.5599.2.kf4xh@juno.com>
X-Mailer: Juno 1.00
X-Juno-Line-Breaks: 0
From: kf4xh@juno.com (Andrew C. Middlebrooks)

aprs sig

From kf4xh@juno.com Thu Oct 31 23:20:19 1996
Received: from x16.boston.juno.com (x16.boston.juno.com [205.231.101.28]) by
tapr.org (8.7.5/8.7.3/1.9) with ESMTP id XAA00258 for <aprssig@tapr.org>; Thu, 31
Oct 1996 23:20:17 -0600 (CST)
Received: (from kf4xh@juno.com) by x16.boston.juno.com (queuemail)
id AAA08906; Fri, 01 Nov 1996 00:20:15 EST
To: aprssig@tapr.org
Date: Fri, 1 Nov 1996 01:21:11 PST
Subject: set aprssig mail digest
Message-ID: <19961101.012127.5599.7.kf4xh@juno.com>
X-Mailer: Juno 1.00
From: kf4xh@juno.com (Andrew C. Middlebrooks)